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Butter Tests of Registered Jersey Cows

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BUTTER TESTS

OF

REGISTERED JERSEY COWS

WHEREIN THE YIELD HAS AMOUNTED TO FOURTEEN POUNDS OR MORE PER WEEK.

VOL. II.—NEW SERIES.

Comprising all the Tests reported to the Club from March 31, 1891, to January 2, 1894.

TO WHICH ARE ADDED

THE DAIRY TESTS MADE AT THE WORLD'S COLUMBIAN EXPOSITION.

New York:

COMPILED AND PUBLISHED BY THE AMERICAN JERSEY CATTLE CLUB.

MARCH, 1894.

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JOHN POLHEMUS PRINTING COMPANY,
121 FULTON STREET,
NEW YORK.

PREFACE.

THE butter records in this volume (except those designated "official") have been received on the affidavits of the managers of the tests or the certificates of the owners of the cows tested, and their publication by the Club shall not in any wise be considered an *official endorsement* of their reliability.

The tests designated "official" were made under the supervision of committees appointed by the President of the Club.

The tests are arranged according to amount, the largest record being put first, followed by the next largest, and so on down to the lowest. When a number of tests occur of the same amount, the names of the tested animals are arranged in alphabetical order.

In the Index to Tested Cows the figures immediately following the Herd Register number of the animal is the amount of her test: *e. g.*, 14·05 stands for 14 lbs. 5 oz. When an animal has more than one test in this volume, the amount of the largest only is stated in the index, but the pages are given on which each of her tests may be found.

In the List of Sires, arranged alphabetically, the names of the tested cows are arranged under their sires' names according to the amounts of their tests, the largest coming first. When an animal has more than one test, the largest only is given. The same arrangement has been followed in the List of Dams.

27585

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BUTTER TESTS OF JERSEYS.

Little Goldie 38671.—Yield of milk, 251 lbs. 5 oz.; yield of butter, 34 lbs. 8½ oz.; test made from June 21 to 28, 1892; age, 7 years and 7 months; estimated weight, 1,000 lbs.; fed during test, 140 qts. corn meal, 56 qts. wheat bran and 21 qts. linseed meal—pasture, short clover and orchard grass; property of Matthews & Humes, Huntsville, Ala.

- Little Goldie 38671....
  - Little Harry 8808.....
    - Lord Harry 3445.....
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Clara Mowbray 11020...
      - Tormentor 3533.
      - Callie Nan 7959.
  - Alice Brand 17836.....
    - Pouch of Gold 4121.....
      - Furcoat 3040.
      - Gilt 4th 4208.
    - Alice H. 9286.....
      - Top-Sawyer 1404.
      - Bo-Peep 2850.

Exile's Belle 40524.—Yield of milk, 230 lbs. 8 oz.; yield of butter, 32 lbs. 6 oz.; test made from July 26 to August 2, 1891; age, 4 years and 11 months; actual weight, 1,030 lbs.; fed during test, 224 qts. of a mixture composed of 150 lbs. corn meal, 100 lbs. cotton-seed meal, 45 lbs. fine middlings, 20 lbs. bran and 25 lbs. ground oats—140 lbs. hay; property of A. D. McBride, Rochester, N. Y.

- Exile's Belle 40524...
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Success of St. Lambert 28489.....
    - Sir George of St. Lambert 6036.....
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483, imp.
    - Success 8782.....
      - Bluetooth 1821.
      - May Celestia 6048.

Exile's Belle 40524.—Yield of milk, 165 lbs.; yield of butter, 29 lbs. 3 oz.; test made from August 2 to 9, 1891; age, 4 years and 11 months; actual weight, 1,030 lbs.; fed during test, 224 qts. of a mixture composed of 175 lbs. corn meal, 115 lbs. cotton-seed meal, 45 lbs. fine feed, 20 lbs. bran and 35 lbs. ground oats—140 lbs. hay; property of A. D. McBride, Rochester, N. Y.

- Exile's Belle 40524 ...
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Success of St. Lambert 28489.....
    - Sir George of St. Lambert 6036.....
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483, imp.
    - Success 8782.....
      - Bluetooth 1821.
      - May Celestia 6048.

Aldarine 3d 27482.—Yield of milk, 248 lbs. 12 oz.; yield of butter, 28 lbs. 1 oz.; test made from May 3 to 10, 1891; age, 7 years and 3 months; estimated weight, 750 lbs.; fed during test, 9 lbs. corn meal, 3 lbs. ground oats, 6 lbs. bran and 6 lbs. linseed meal, daily, on 18 lbs. cut hay, in three feeds; property of Wm. Hart Dexter, Springfield, Mass.

- Aldarine 3d 27482
  - Wanderer 3014
    - Signal 1170
      - Marius 760.
      - Pansy Morris 2060.
    - Cosette 3874
      - Grand Duke Alexis 1040.
      - Daisy Grant 1445.
  - Aldarine 5301
    - Signal 1170
      - Marius 760.
      - Pansy Morris 2060.
    - Alda 3873
      - Grand Duke Alexis 1040.
      - Archie 1112.

Gipsy's Pride 2d 29365.—Yield of milk, 295 lbs. 8 oz.; yield of butter, 27 lbs. 12 oz.; test made from May 21 to 28, 1893; age, 9 years; actual weight, 970 lbs.; fed during test, 12 qts. corn meal, 6 qts. ground oats and 4 qts. oil meal daily—good old meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Gipsy's Pride 2d 29365
  - Tuscarora of Clermont 7232
    - Harold of Jersey 2864
      - Northern Chief (P. S. 137 J. H. B.)
      - Belle of St. Ouen's 6226.
    - Daisy of Clermont 3492.
      - Gerald 895.
      - Jennie 5th 2269.
  - Gipsy's Pride 25290
    - Canister 7735
      - Alonzo 2030.
      - Lorinda of Tioga 11179.
    - Gipsy Maid 2d 16902
      - Pure Gold 1487.
      - Gipsy Maid 4970.

Lady Cloud 19358.—Yield of milk, 235 lbs. 8 oz.; yield of butter, 27 lbs. 6 oz.; test made from June 20 to 27, 1886; age, 4 years; estimated weight, 800 lbs.; fed during test, 25 lbs. corn meal, oil meal and bran mixed, daily—blue grass pasture; property of John A. Middelton, Shelbyville, Ky.

- Lady Cloud 19358
  - Fayette Boy 4737
    - Fancy Leo 2728
      - Prize Duke 942.
      - Fancy Fair 2858.
    - Lady Pigot 2d 5798
      - On I. of J.
      - Lady Pigot 5797, imp.
  - Lady Tilford 14467
    - Red Cloud 2d 2260
      - Red Cloud 529.
      - Famosa 1364.
    - Lady Pigot 5797, imp.

Signal's Lily Flagg 31035.—Yield of milk, 189 lbs. 6 oz.; yield of butter, 27 lbs. 3½ oz. (official); test made from May 23 to 30, 1892; age, 8 years and 4 months; estimated weight, 1,000 lbs.; fed during test, 28 gals. corn meal, 28 gals. ground oats, 14 gals. bran and 9 gals. linseed meal—poor clover pasture; property of Matthews, Moore & Humes, Huntsville, Ala.

- Signal's Lily Flagg 31035
  - Georgian 6073
    - Smoke Smith 4844
      - Brigand 1899.
      - Selika 1805.
    - Optima 6715
      - Signal 1170.
      - Romp 1098.
  - Little Nan 15895
    - W. Hampton 1896
      - Davy Hampton 1895.
      - Ida W. 4498.
    - Cootie 5985
      - Joe Willetts 1440.
      - Ann F. 4495.

Exile's Belle 40524.—Yield of milk, 240 lbs.; yield of butter, 26 lbs. 7 oz.; test made from July 19 to 26, 1891; age, 4 years and 10 months; actual weight, 1,030 lbs.; fed during test, 224 qts. of a mixture composed of 150 lbs. corn meal, 100 lbs. cotton-seed meal, 45 lbs. fine middlings, 20 lbs. bran and 25 lbs. ground oats—140 lbs. hay; property of A. D. McBride, Rochester, N. Y.

- Exile's Belle 40524....
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Success of St. Lambert 28489.....
    - Sir George of St. Lambert 6036.....
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483, imp.
    - Success 8782.....
      - Bluetooth 1821.
      - May Celestia 6048.

Sister of Charity 62453.—Yield of milk, 215 lbs. 5 oz.; yield of butter, 24 lbs. 14½ oz.; test made from January 21 to 28, 1892; age, 4 years and 2 months; estimated weight, 800 lbs.; fed during test, 14 lbs. ensilage, 3 gals. bran, 1½ gals. corn, oats and peas ground together, and 2 lbs. cotton-seed meal daily—pastured on green oats one hour per day; property of M. Lothrop, Marshall, Texas.

- Sister of Charity 62453
  - Stoke Pogis 5th 5987 ...
    - Stoke Pogis 1259, imp.
    - Marjoram 3239, imp.
  - Nell Pogis 31991.....
    - Litchfield of Lee Farm 8414.....
      - Litchfield 674.
      - Victoria Guelph 3898.
    - Nell of St. Lambert 27959.....
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.

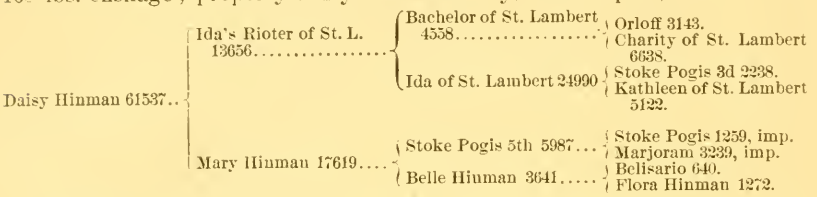
Melrose's Perfection 28895.—Yield of milk, 252 lbs. 8 oz.; yield of butter, 24 lbs. 12 oz.; test made from November 26 to December 3, 1892; age, 8 years and 11 months; estimated weight, 1,000 lbs.; fed during test, 56 qts. bran and shorts, 56 qts. corn meal, 28 qts. cotton-seed meal and 50 lbs. ensilage—hay, winter rye pasture; property of James Crook, Jacksonville, Ala.

- Melrose's Perfection 28895.....
  - Duke of Melrose 5185..
    - Black Defiance 4014.....
      - King of Scituate 3622.
      - Belle of Scituate 7977.
    - Bonfanti 388, imp.
  - Dewdrop Pansy 19736..
    - Platon (F. S. 310 J. H. B.)
    - Pansy (F. S. 1072 J. H. B.)

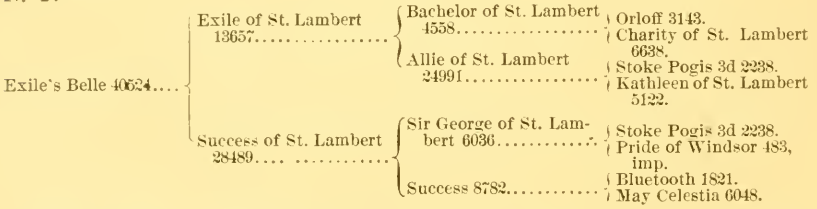
Miss Bingo 80096.—Yield of milk, 255 lbs. 4 oz.; yield of butter, 24 lbs. 12 oz.; test made from January 25 to February 1, 1891; age, 8 years and 7 months; actual weight, 1,050 lbs.; fed during test, 24 qts. daily of a mixture composed of one part bran, two parts ground corn and three parts ground oats—bran slop daily, good hay *ad lib.;* property of L. L. Tozier, Batavia, N. Y.

- Miss Bingo 80096.....
  - Bingo 2d 6749.....
    - Bingo 1811.....
      - Motley 515.
      - Bessie 139.
    - Madge Livingston 6695.
      - Padisha 1623.
      - Madge Motley 3443.
  - Mrs Knickerbocker 19367.....
    - Bingo 1811.....
      - Motley 515.
      - Bessie 139.
    - Miss Beauty 4053.....
      - Apis 1206.
      - Miss Blossom 1986.

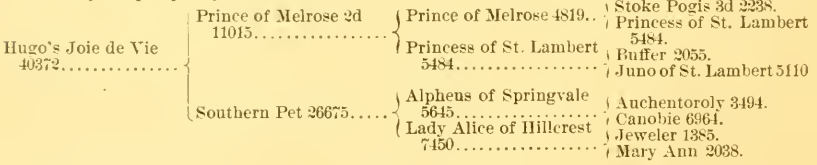
Daisy Hinman 61537.—Yield of milk, 296 lbs. 4 oz.; yield of butter, 24 lbs. 10 oz.; test made from February 25 to March 4, 1891; age, 5 years and 2 months; estimated weight, 850 lbs.; fed during test, 42 lbs. each of oil meal, pea meal, corn meal and crushed oats, 50 lbs. hay, 1½ bushel roots and 168 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.



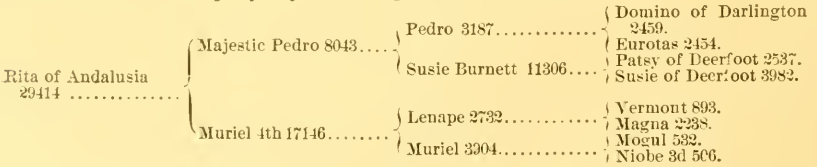
Exile's Belle 40524.—Yield of milk, 219 lbs.; yield of butter, 24 lbs. 6 oz.; test made from July 12 to 19, 1891; age, 4 years and 10 months; actual weight, 1,030 lbs.; fed during test, 224 qts. of a mixture composed of 150 lbs. corn meal, 100 lbs. cotton-seed meal, 45 lbs. fine middlings, 20 lbs. bran and 25 lbs. ground oats—140 lbs. hay; property of A. D. McBride, Rochester, N. Y.



Hugo's Joie de Vie 40372.—Yield of milk, 243 lbs. 8 oz.; yield of butter, 24 lbs. 5 oz.; test made from April 14 to 21, 1893; age, 6 years and 9 months; estimated weight, 875 lbs.; fed during test, 56 qts. bran and shorts, 42 qts. corn meal, 28 qts. cotton-seed and 30 lbs. ensilage—hay, pasture of good winter rye; property of James Crook, Jacksonville, Ala.



Rita of Andalusia 29414.—Yield of milk, 421 lbs. 5 oz.; yield of butter, 24 lbs. 1 oz.; test made from May 28 to June 4, 1892; age, 8 years and 4 months; estimated weight, 1,000 lbs.; fed during test, 8 qts. corn meal and 6 qts. ground oats, daily, in two feeds—pasture, timothy, green grass and some white clover; property of George Fox, Torresdale, Pa.



Alteration 56436.—Yield of milk, 264 lbs. 3 oz.; yield of butter, 24 lbs. ½ oz.; test made from July 15 to 22, 1892; age, 4 years and 10 months; estimated weight, 800 lbs.; fed during test, 4 gals. corn meal, 2 gals. ground oats and 1 gal. wheat bran, daily, on cut green corn—short pasture; property of Matthews & Moore, Huntsville, Ala.

- Alteration 56436
  - Little Harry 8808
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Clara Mowbray 11020
      - Tormentor 3533.
      - Callie Nau 7959.
  - Analysis 29162
    - Surpry 2d (P. S. 459 J. H. B.)
      - Orange Peel (P. S. 288 J. H. B.)
      - Angelica 2d (P. S. 427 J. H. B.)
    - Ava (F. S. 6217 J. H. B.)

Miss Nellie Parker 24988.—Yield of milk, 240 lbs. 13 oz.; yield of butter, 23 lbs. 11 oz.; test made from April 18 to 25, 1889; age, 5 years and 4 months; estimated weight, 875 lbs.; fed during test, 70 qts. corn meal, 42 qts. bran, 14 qts. pea meal, 14 qts. cotton-seed meal and 105 lbs. ensilage—hay, pasture of winter rye; property of James Crook, Jacksonville, Ala.

- Miss Nellie Parker 24988
  - Perrot (P. S. 342 J. H. B.)
    - Bobby (P. S. 208 J. H. B.)
      - Vertumnus (P. S. 161 J. H. B.)
      - Young Rose (P. S. 43 J. H. B.)
    - Royal Beauty (P. S. 390 J. H. B.)
      - Browny (P. S. 158 J. H. B.)
      - Princess Royal (P. S. 240 J. H. B.)
  - Lass Nellie 24012
    - Bobby (P. S. 243 J. H. B.)
      - Carlo (P. S. 192 J. H. B.)
      - Atlanta (F. S. 1668 J. H. B.)
    - Isabella (F. S. 1670 J. H. B.)

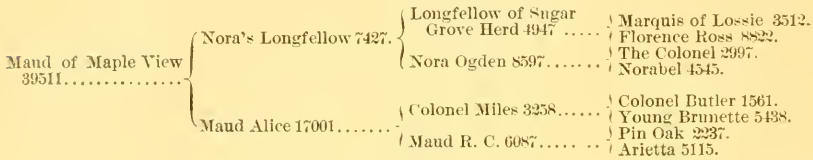
Chief's Charella 61999.—Yield of milk, 213 lbs.; yield of butter, 23 lbs. 10½ oz.; test made from February 1 to 8, 1893; age, 4 years and 7 months; estimated weight, 625 lbs.; fed during test, 14 lbs. oil meal, 245 lbs. corn refuse, 224 lbs. ensilage, 28 lbs. malt sprouts, 28 lbs. middlings and 28 lbs. clover hay; property of Charles Lautz, Buffalo, N. Y.

- Chief's Charella 61999.
  - Chief 10663
    - Mercury 432
      - Jupiter 93.
      - Alphea 171.
    - Lady Love 2d 2212
      - Albert 44.
      - Lady Love 1315.
  - Charella of Bay View 48923
    - Chief 10663
      - Mercury 432.
      - Lady Love 2d 2212.
    - Charella 12017
      - Milord (P.S. 119 J.H.B.)
      - On I. of J.

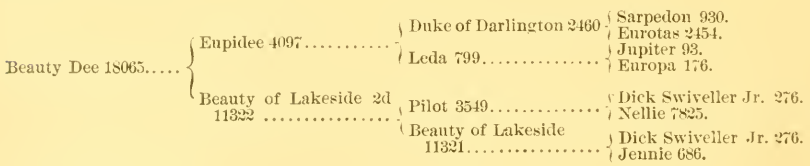
Proctor's Alma Dolores 47107.—Yield of milk, 270 lbs.; yield of butter, 23 lbs. 9 oz.; test made from December 30, 1891, to January 6, 1892; age, 4 years and 11 months; actual weight, 795 lbs.; fed during test, 1 qt. linseed meal, 4 qts. corn meal, 4 qts. ground oats, 6 qts. bran, 16 qts. beets, 15 lbs. ensilage and 10 lbs. hay daily; property of T. R. Proctor, Utica, N. Y.

- Proctor's Alma Dolores 47107
  - Bunker 9025
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Sallie Bunker 1426, imp.
  - Nutley Dolores 13797
    - Tommy (P. S. 249 J. H. B.)
      - Snap (F. S. 254 J. H. B.)
      - Samarez (F. S. 944 J. H. B.)
    - Nutley Alma 13581
      - Snap (F. S. 254 J. H. B.)
      - St. Clementaise (F. S. 412 J. H. B.)

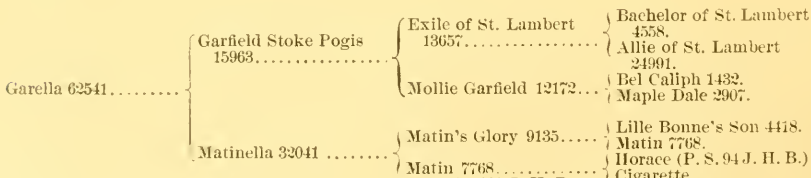
Maud of Maple View 39511.—Yield of milk, 209 lbs. 10 oz.; yield of butter, 23 lbs. 7½ oz.; test made from March 5 to 12, 1892; age, 5 years and 11 months; estimated weight, 900 lbs.; fed during test, 6 lbs. wheat bran, 2 lbs. cotton-seed meal, 4 lbs. corn meal, 3 lbs. old process oil meal, 2 oz. salt and 30 lbs. ensilage daily—126 lbs. hay; property of Mrs. Kate M. Busick, Wabash, Ind.



Beauty Dee 18065.—Yield of milk, 221 lbs. 8 oz.; yield of butter, 23 lbs. 3 oz.; test made from August 27 to September 3, 1886; age, 4 years and 3 months; estimated weight, 700 lbs.; fed during test, 28 qts. corn meal and 28 qts. shorts—short New England pasture; property of Joseph H. Walker, Worcester, Mass.



Garella 62541.—Yield of milk, 301 lbs. 8 oz.; yield of butter, 23 lbs.; test made from May 22 to 29, 1892; age, 3 years and 1 month; estimated weight, 875 lbs.; fed during test, 56 lbs. cut corn fodder, 7 lbs. corn meal, 14 lbs. gluten meal, 14 lbs. bran, 7 lbs. linseed meal, 56 lbs. hay and 210 lbs. roots; property of Est. of Frederick Billings, Woodstock, Vt.



Paola Stoke Pogis 34691.—Yield of milk, 274 lbs.; yield of butter, 23 lbs.; test made from January 25 to February 1, 1891; age, 5 years and 4 months; estimated weight, 800 lbs.; fed during test, 35 lbs. corn meal, 21 lbs. pea meal, 21 lbs. oil meal, 42 lbs. bran, 21 lbs. fine feed, 14 lbs. ground oats, 42 lbs. roots and 84 lbs. ensilage—clover hay; property of P. J. Cogswell, Rochester, N. Y.

- Paola Stoke Pogis 34691
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - St. John's Daisy 28388.
    - St. John (P. S. 316 J. H. B.)
      - Carlo (P. S. 180 J. H. B.) (5559 A. J. C. C.)
      - Unique (F. S. 1035 J. H. B.)
    - Letacq Bess.

Etta of Bay View 66028.—Yield of milk, 245 lbs. 7 oz.; yield of butter, 22 lbs. 13 oz.; test made from December 14 to 21, 1892; age, 3 years and 1 month; actual weight, 565 lbs.; fed during test, 210 lbs. corn refuse, 210 lbs. ensilage, 2 lbs. clover hay and 14 lbs. linseed meal; property of Charles Lautz, Buffalo, N. Y.

- Etta of Bay View 66028
  - G. F. Train 18868
    - Chief 10663
      - Mercury 432.
      - Lady Love 2d 2212.
    - Bertie Don 32071
      - Mercury Rex 9446.
      - Verte 12023.
  - Nattie 26842
    - Invincible 5510
      - Thorndale 2582.
      - Phædra 2561.
    - Natica 12024
      - Milord (P. S. 119 J. H. B.)
      - Jenny (F. S. 973 J. H. B.)

Experience 62458.—Yield of milk, 276 lbs. 4 oz.; yield of butter, 22 lbs. 13 oz.; test made from May 11 to 18, 1892; age, 4 years and 1 month; actual weight, 1,060 lbs.; fed during test, 224 qts. grain—second year clover and timothy pasture; property of Miller & Sibley, Franklin, Pa.

- Experience 62458
  - Ida's Rioter of St. L. 13656
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Rioter's Zoe 19769
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Golden Zoe 3975
      - Golden Ear 1025.
      - Zoe Mou 2704.

Sayda M. 46195.—Yield of milk, 201 lbs. 13½ oz.; yield of butter, 22 lbs. 11½ oz.; test made from September 27 to October 4, 1893; age, 7 years and 11 months; estimated weight, 950 lbs.; fed during test, 15 qts. ground corn and oats, 15 qts. wheat bran and 3 qts. oil meal, daily, in three feeds—clover hay and green corn; property of Charles A. Sweet, Buffalo, N. Y.

- Sayda M. 46195
  - Torpedo 8671
    - Mercury 432
      - Jupiter 93.
      - Alphea 171.
    - Torfrida 3596
      - Rioter 2d 469, imp.
      - Europa 176.
  - Sayda 3d 17317
    - Prince of M. 2d 5507
      - Prince of M. 2811.
      - Belle of Wethersfield 6446.
    - Sayda 4400
      - Ned Booth 1508.
      - Dickinson's Belle 4395.

Harry's Pet 52838.—Yield of milk, 157 lbs. 10 oz.; yield of butter, 22 lbs. 11 oz.; test made from June 7 to 14, 1891; age, 2 years and 9 months; estimated weight, 800 lbs.; fed during test, 70 qts. corn meal, 35 qts. wheat bran, 14 qts. oil meal, on chopped clover hay—good clover and orchard grass pasture; property of Matthews & Humes, Huntsville, Ala.

- Harry's Pet 52838....
  - Fancy's Harry 9777....
    - Lord Harry 3445.....
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Landseer's Fancy 2876.
      - Landseer 331.
      - Young Fancy 97.
  - Pet of Wildwood 33395.
    - Phœbus of Riverview 10119.....
      - Lord Ducie 2500.
      - Dudu of Linwood 8336.
    - Zenitza 19190.....
      - Tormentor 3533 (F. S. 259 J. H. B.)
      - Neata 4748.

St. Lambert's Crescent 39711.—Yield of milk, 294 lbs.; yield of butter, 22 lbs. 10 oz.; test made from June 9 to 16, 1890; age, 5 years; estimated weight, 950 lbs.; fed during test, 56 qts. bran and 14 qts. feed (mixture of ⅔ corn and ⅓ oats)—very good pasture of mixed grasses; property of R. S. Hartley, Freehold, Pa.

- St. Lambert's Crescent 39711.....
  - Ida's Rioter of St. L. 13656.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Lottie May 17201.....
    - Young Baltimore Boy 2048.....
      - Baltimore Boy 837.
      - Rose of the Isle 2088.
    - Dorcas 4th 3533.....
      - Hector of Plymouth Rock 886.
      - Dorcas 738.

Lady Alice Pogis 30273.—Yield of milk, 251 lbs. 8 oz.; yield of butter, 22 lbs. 8 oz.; test made from February 21 to 28, 1889; age, 4 years and 4 months; estimated weight, 1,100 lbs.; fed during test, 70 qts. corn meal, 42 qts. cotton-seed meal, 42 qts. ground oats and 350 lbs. corn ensilage—hay, fair pasture of winter rye; property of James Crook, Jacksonville, Ala.

- Lady Alice Pogis 30273.....
  - Prince of Melrose 2d 11015.....
    - Prince of Melrose 4819.
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484 .....
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Lady Alice of Hillcrest 7450.....
    - Jeweler 1385.....
      - Mogul 532, imp.
      - Jewel Beauty 2d 1701.
    - Mary Ann 2038.....
      - Roger 121.
      - Sauch 235.

Paola Stoke Pogis 34691.—Yield of milk, 275 lbs. 8 oz.; yield of butter, 22 lbs. 8 oz.; test made from January 18 to 25, 1891; age, 5 years and 3 months; estimated weight, 800 lbs.; fed during test, 133 lbs. grain (composed of 4 parts corn meal, 4 parts B wheat bran, 4 parts fine feed, 4 parts pea meal and 1 part oil meal), 42 lbs. roots and 84 lbs. ensilage—clover hay; property of P. J. Cogswell, Rochester, N. Y.

- Paola Stoke Pogis 34691
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - St. John's Daisy 28388
    - St. John (P. S. 316 J. H. B.)
      - Carlo (P. S. 180 J. H. B.) (5559 A. J. C. C.)
      - Unique (F. S. 1035 J. H. B.)
    - Letacq Bess.

Geranium Leaf 2d 56859.—Yield of milk, 261 lbs.; yield of butter, 22 lbs. 7 oz.; test made from January 25 to February 1, 1893; age, 4 years and 10 months; estimated weight, 800 lbs.; fed during test, 98 lbs. corn meal, 42 lbs. ground oats, 42 lbs. wheat bran, 42 lbs. linseed meal, 280 lbs. ensilage and 70 lbs. hay; property of William Hart Dexter, Springfield, Mass.

- Geranium Leaf 2d 56859
  - Leonidas' Germ 14289
    - Leonidas 3010
      - Signal 1170.
      - Geranium 3963.
    - Geranium 2d 7838
      - Signal 1170.
      - Geranium 3963.
  - Geranium Leaf 30875
    - Chief of the Miamis 2958
      - Signal 1170.
      - Annie Lachaise 3961.
    - Geranium 2d 7838
      - Signal 1170.
      - Geranium 3963.

Massey Polo 67010.—Yield of milk, 296 lbs.; yield of butter, 22 lbs. 6 oz.; test made from April 27 to May 4, 1893; age, 6 years and 1 month; actual weight, 860 lbs.; fed during test, 6 qts. ground corn and oats, 3 qts. cotton-seed meal, 4 qts. Buffalo gluten feed, 5 qts. wheat bran and 45 lbs. corn ensilage—hay *ad lib.*; property of E. L. Van Deusen, Ashley Falls, Mass.

- Massey Polo 67010
  - Holyoke 8147
    - Eupidee 4097
      - Duke of Darlington 2460.
      - Leda 799.
    - Belle of Flanders 9949
      - New Britain 2551.
      - Leah 2968.
  - Lily Polo 22218
    - Echo's Polonius 4939
      - Polonius 2513.
      - Arawana Belle 3277.
    - Lily Baudin 2d 16508
      - Cornelius 4204.
      - Lily Baudin 10006.

St. Albans' Valentine 41707.—Yield of milk, 248 lbs. 2 oz.; yield of butter, 22 lbs. 6 oz.; test made from March 16 to 23, 1893; age, 7 years and 1 month; estimated weight, 850 lbs.; fed during test, 84 lbs. bran, 50 lbs. corn meal, 50 lbs. ground oats, 12 lbs. oil meal, 240 lbs. ensilage and 30 lbs. hay; property of Samuel McKeen, Terre Haute, Ind.

- St. Albans' Valentine 41707
  - Duke of St. Albans 11234
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Favorite of St. Lambert 5118
      - Victor Hugo 197, imp.
      - Berthe 490, imp.
  - Valentine of Trinity 7460
    - Duke (P. S. 76 J. H. B.) (1905 A. J. C. C.)
      - Merry Boy (P. S. 61 J. H. B.)
      - Superb (F.S. 353 J.H.B.)
    - On I. of J.

Cleodoxa 59311.—Yield of milk, 235 lbs. 2 oz.; yield of butter, 22 lbs. 5 oz.; test made from March 26 to April 2, 1891; age, 4 years; estimated weight, 900 lbs.; fed during test, 16 qts. daily of a mixture of one part bran, two parts ground corn and three parts ground oats, in two feeds—bran mash daily, hay *ad lib.;* property of L. L. Tozier, Batavia, N. Y.

- Cleodoxa 59311
  - Clotaire 9884
    - Royal Oak 6219 (P. S. 286 J. H. B.)
      - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Flossy (F. S. 1655 J. H. B.)
    - Floribundus 2d 14949
      - Victor (P. S. 148 J. H. B.)
      - Floribundus (F. S. 659 J. H. B.)
  - Clotaire's Annie 58319
    - Clotaire 9884
      - Royal Oak 6219 (P. S. 286 J. H. B.)
      - Floribundus 2d 14949.
    - Floribundus 2d 14949
      - Victor (P. S. 148 J. H. B.)
      - Floribundus (F. S. 659 J. H. B.)

Annabel Lee 55833.—Yield of milk, 279 lbs. 4 oz.; yield of butter, 22 lbs. 3 oz.; test made from June 27 to July 4, 1893; age, 5 years and 4 months; estimated weight, 800 lbs.; fed during test, 84 qts. oats and corn ground in equal parts, 28 qts. wheat bran, 14 qts. cotton-seed meal, fed on about 2 lbs. cut mixed hay, moistened—42 lbs. hay, short pasture; property of Wm. E. Matthews, Huntsville, Ala.

- Annabel Lee 55833
  - Signalda's Torment 14673
    - Signalda 4027
      - Signal 1170.
      - Alda 3873.
    - Odelle Sales 15564
      - Tormentor 2533.
      - Oonan 1485.
  - Mette D. 47433
    - Little Harry 8808
      - Lord Harry 3445.
      - Clara Mowbray 11020.
    - Cora of Linwood 12915.
      - Top-Sawyer 1404.
      - Content of Linwood 6950.

Cheerful of St. Lambert 2d 43745.—Yield of milk, 228 lbs. 8 oz.; yield of butter, 22 lbs. 2 oz.; test made from June 9 to 16, 1890; age, 4 years and 2 months; estimated weight, 900 lbs.; fed during test, 20 lbs. ground oats and peas daily; property of William Rolph, Markham, Ont., Can.

- Cheerful of St. Lambert 2d 43745
  - Canada's John Bull 8388
    - Sir George of St. Lambert 6036
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483, imp.
    - Nymph of St. Lambert 12968
      - Stoke Pogis 3d 2238.
      - Diana of St. Lambert 6636.
  - Cheerful of St. Lambert 8348
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Jessamine of St. Lambert 5125
      - Lord Lisgar 1066.
      - Lily of St. Lambert 5120.

Blanche of Castile 43793.—Yield of milk, 299 lbs.; yield of butter, 22 lbs. 1½ oz.; test made from June 24 to July 1, 1892; age, 5 years and 7 months; actual weight, 1,090 lbs.; fed during test, 30 qts. mixed feed daily—good second season clover pasture; property of Miller & Sibley, Franklin, Pa.

- Blanche of Castile 43793
  - Pascarrelle 16603
    - Douglass' Knox 8975
      - John Knox 3289.
      - Julietta 8564.
    - Erema 3d 14197
      - Fearnaught 1854.
      - Erema 5326.
  - Floriole 13069
    - Elsmore 4384
      - Duke of Grayholdt 1035.
      - Lonette 2719.
    - Fleurilla 2720
      - Ou I. of J.
      - Folly 2722, imp.

Garfield's Princess 62544.—Yield of milk, 283 lbs.; yield of butter, 22 lbs.; test made from June 17 to 24, 1893; age, 3 years and 9 months; estimated weight, 820 lbs.; fed during test, 56 lbs. cut corn fodder, 7 lbs. corn meal, 14 lbs. gluten meal, 14 lbs. bran, 7 lbs. linseed meal, 56 lbs. hay and 210 lbs. roots; property of Est. of Frederick Billings, Woodstock, Vt.

- Garfield's Princess 62544
  - Garfield Stoke Pogis 15963
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Mollie Garfield 12172
      - Bel Caliph 1432.
      - Maple Dale 2907.
  - Lady Prince 48320
    - Black Prince of Linden 9063
      - Black Prince of Hanover 2873.
      - Marjoram 2d 12805.
    - Lady Coplay 31602
      - Alphea Count 6981.
      - Brunette of Lehigh 7309.

Grey Friar's Bess 25128.—Yield of milk, 280 lbs. 8 oz.; yield of butter, 22 lbs.; test made from May 11 to 18, 1892; age, 9 years and 4 months; estimated weight, 900 lbs.; fed during test, 14 gals. corn meal—hay *ad lib.;* medium clover pasture; property of W. Cannon, Philadelphia, Tenn.

- Grey Friar's Bess 25128
  - Grey Friar 7627 (P. S. 338 J. H. B.)
    - Sir George 7656 (P. S. 221 J. H. B.)
      - Guy Fawkes (F. S. 251 J. H. B.)
      - Brown Bess 13092 (F. S. 755 J. H. B.)
    - Princesse (F. S. 1294 J. H. B.)
  - Nerissa (F. S. 2641 J. H. B.)

Peasant 65401.—Yield of milk, 220 lbs. 7 oz.; yield of butter, 21 lbs. 15½ oz.; test made from June 20 to 27, 1891; age, 2 years and 10 months; estimated weight, 1,000 lbs.; fed during test, about 125 lbs. of ground corn, oats and bran, in equal parts; blue grass pasture; property of S. H. Godman, Muncie, Ind.

- Peasant 65401
  - Lord Harry 3445
    - Top-Sawyer 1404
      - Marius 760.
      - Emblem 90.
    - Duchess of Bloomfield 3653
      - Rioter 670, imp.
      - Angela 1682.
  - Siva 24508
    - Argo 3737
      - Guy Mannering 698.
      - Argosy 4320.
    - Jacinder 10693
      - Jazel 3501.
      - Cinders 9567.

Marilla of St. Lambert 31809.—Yield of milk, 258$\frac{9}{10}$ lbs.; yield of butter, 21 lbs. 13½ oz.; test made from November 13 to 20, 1892; age, 7 years and 7 months; actual weight, 978 lbs.; fed during test, 42 qts. corn meal, 42 qts. bran, 42 qts. oats and peas, 42 qts. oil meal, 84 lbs. hay and 84 lbs. roots; property of H. L. S. Hall, Scottsville, N. Y.

- Marilla of St. Lambert 31809
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Duchess Lurlene 9048
    - Pontiff 2120
      - Quaker 887.
      - Phœbe 3d 2293.
    - Betsy Trotwood 9047
      - Peter Norman 1238.
      - Chloe 1540.

Paola Stoke Pogis 34691.—Yield of milk, 284 lbs. 8 oz.; yield of butter, 21 lbs. 12¾ oz.; test made from February 8 to 15, 1891; age, 5 years and 4 months; estimated weight, 800 lbs.; fed during test, 35 lbs. corn meal, 14 lbs. oil meal, 42 lbs. fine middlings, 7 lbs. pea meal, 56 lbs. bran, 7 lbs. cotton-seed meal and 100 lbs. roots; property of P. J. Cogswell, Rochester, N. Y.

- Paola Stoke Pogis 34691
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - St. John's Daisy 28388
    - St. John (P. S. 316 J. H. B.)
      - Carlo (P. S. 180 J. H. B.) (5559 A. J. C. C.)
      - Unique (F. S. 1035 J. H. B.)
    - Letacq Bess.

Romping Lass 2d 51989.—Yield of milk, 158 lbs. 12 oz.; yield of butter, 21 lbs. 12 oz.; test made from August 9 to 16, 1893; age, 5 years and 5 months; estimated weight, 1,000 lbs.; fed during test, 46 qts. wheat bran, 34 qts. corn and oats and 14 qts. cotton-seed meal, fed on cut green corn—very short and dry pasture; property of William E. Matthews, Huntsville, Ala.

- Romping Lass 2d 51989
  - Fancy's Harry 9777
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Landseer's Fancy 2876
      - Landseer 331.
      - Young Fancy 97.
  - Romping Lass 11021
    - Tormentor 3533
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Romp Ogden 3d 5458
      - Top-Sawyer 1404.
      - Romp Ogden 1571.

St. L.'s Silken Les Cateaux 61964.—Yield of milk, 262 lbs. 10 oz.; yield of butter, 21 lbs. 12 oz.; test made from April 18 to 25, 1893; age, 5 years and 2 months; actual weight, 800 lbs.; fed during test, 40 qts. corn meal, 40 qts. oat meal, 14 qts. oil meal, 42 qts. wheat bran, 140 lbs. ensilage and 1 bushel roots; property of Mrs. E. F. Hawley, Pittsford, N. Y.

- St. L.'s Silken Les Cateaux 61964
  - Duke of St. Lambert 16160
    - Baron of St. Lambert 5286
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Charity of St. Lambert 6638
      - Stoke Pogis 3d 2238.
      - Flora of St. Lambert 5526.
  - Silken Les Cateaux 23431
    - Silkbeard 4044
      - Mercury 432.
      - Clotho 2506.
    - Les Cateaux 2d 15538 (P. S. 342 J. H. B.)
      - Vertumnus (P. S. 161 J. H. B.)
      - Les Cateaux (F. S. 486 J. H. B.)

Ellenetta of Bay View 48921.—Yield of milk, 211 lbs. 4 oz.; yield of butter, 21 lbs. 11 oz.; test made from March 5 to 12, 1893; age, 7 years and 10 months; estimated weight, 600 lbs.; fed during test, 17½ lbs. oil meal, 175 lbs. corn refuse, 252 lbs. ensilage, 21 lbs. malt sprouts, 21 lbs. middlings and 28 lbs. hay; property of Charles Lautz, Buffalo, N. Y.

- Ellenetta of Bay View 48921
  - Chief 10663
    - Mercury 432
      - Jupiter 93.
      - Alphea 171.
    - Lady Love 2d 2212
      - Albert 44.
      - Lady Love 1315.
  - Ellenetta 9446
    - Minstrel 1503
      - Marius 760.
      - Maid Marion 1917.
    - Elleneve 2d 3546
      - Quaker 887.
      - Elleneve 2284.

Tancreda Signal 27789.—Yield of milk, 310 lbs. 8 oz.; yield of butter, 21 lbs. 8½ oz.; test made from July 12 to 19, 1892; age, 8 years and 4 months; estimated weight, 900 lbs.; fed during test, 2 qts. flaxseed meal, 4 qts. ground oats and 4 qts. corn meal daily—short blue grass, timothy and clover pasture; property of J. E. Carson, Crab Orchard, Ky.

- Tancreda Signal 27789
  - Signal Jr. 7166
    - Signal 1170
      - Marius 760.
      - Pansy Morris 2060.
    - Alda 3873
      - Grand Duke Alexis 1040.
      - Archie 1112.
  - Tancreda 7938
    - Tancred 501
      - On I. of J.
      - Velvet 294, imp.
    - Lady Robin 1119, imp.

Pocia of Andalusia 2d 79548.—Yield of milk, 257 lbs.; yield of butter, 21 lbs. 7½ oz.; test made from November 26 to December 3, 1892; age, 2 years; estimated weight, 700 lbs.; fed during test, 5 qts. corn meal, 6 qts. ground oats, 4 qts. bran, 1 qt. cake meal and 1 pk. carrots daily (estimated)—12 lbs. corn fodder and hay; property of George Fox, Torresdale, Pa.

- Pocia of Andalusia 2d 79548
  - Daisy's Boss 24566
    - Boss of the Cedars 17712
      - Bessus 13517.
      - Rita of Andalusia 29414.
    - Nero's Daisy 36452
      - Nero du Coin (P. S. 463 J. H. B.)
      - Beaumont's Daisy 31408 (F. S. 5514 J. H. B.)
  - Pocia of Andalusia 62616
    - Boss of the Cedars 17712
      - Bessus 13517.
      - Rita of Andalusia 29414.
    - Princess of Ashantee 4th 26307
      - King Koffee 5522.
      - Princess of Ashantee 13467.

Limited Pedro 56382.—Yield of milk, 288 lbs.; yield of butter, 21 lbs. 7 oz.; test made from June 18 to 25, 1893; age, 4 years and 4 months; estimated weight, 850 lbs.; fed during test, 8 qts. corn meal and 8 qts. ground oats, daily, in two feeds—mixed pasture; property of George Fox, Torresdale, Pa.

- Limited Pedro 56382
  - Young Pedro 2d 15011
    - Young Pedro 9033
      - Pedro 3187.
      - Rioter Alphea 10091.
    - Amité 18877
      - Ramapo 4679.
      - Laitière 8121.
  - Miss Limited 37620
    - Jack May 5549
      - Brother Jack 4042.
      - May Celestia 6048.
    - Lizzie R. 28252
      - Violet's Rex 7258.
      - Marie L. 22446.

Royal Bomba's Daisy 35996.—Yield of milk, 193 lbs. 11 oz.; yield of butter, 21 lbs. 5½ oz.; test made from June 3 to 10, 1893; age, 7 years and 4 months; estimated weight, 950 lbs.; fed during test, 12 qts. corn and oats, mixed, 6 qts. wheat bran and 3 qts. oil meal, daily, in three feeds—little hay, good clover and timothy pasture; property of Charles A. Sweet, East Aurora, N. Y.

- Royal Bomba's Daisy 35996
  - Bomba's Son 8372
    - Yellow Boy 6381
      - Duke of Darlington 2460
      - Daisy 692, imp.
    - Bomba 10330
      - Duke of Darlington 2460
      - Beauty of Darlington 5736.
  - Royal Daisy 25214
    - Yellow Boy 6381
      - Duke of Darlington 2460
      - Daisy 692, imp.
    - Mary M. Allison 6308
      - Earl of Willow Glen 2043.
      - Traviata 3253.

Paola Stoke Pogis 34691.—Yield of milk, 272 lbs.; yield of butter, 21 lbs. 5¼ oz.; test made from February 1 to 8, 1891; age, 5 years and 4 months; estimated weight, 800 lbs.; fed during test, 35 lbs. corn meal, 21 lbs. pea meal, 21 lbs. fine feed, 28 lbs. oil meal, 14 lbs. ground oats, 28 lbs. bran and 100 lbs. roots—clover hay; property of P. J. Cogswell, Rochester, N. Y.

- Paola Stoke Pogis 34691
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - St. John's Daisy 28388.
    - St. John (P. S. 316 J. H. B.)
    - Letacq Bess.

Signilla M. 55839.—Yield of milk, 225 lbs. 2 oz.; yield of butter, 21 lbs. 4 oz.; test made from November 19 to 26, 1891; age, 3 years and 10 months; estimated weight, 700 lbs.; fed during test, 3 gals. corn-hearts, 2 gals. bran and 1 gal. ground oats, daily, on ensilage—short pasture; property of Matthews & Moore, Huntsville, Ala.

- Signilla M. 55839
  - Signalda's Torment 14673
    - Signalda 4027
      - Signal 1170.
      - Alda 3873.
    - Odelle Sales 15564
      - Tormentor 3533.
      - Oonan 1485.
  - Signal's Lily Flagg 31035
    - Georgian 6073
      - Smoke Smith 4844.
      - Optima 6715.
    - Little Naa 15895
      - W. Hampton 1896.
      - Cootie 5985.

Yum Yum of St. Lambert 39152.—Yield of milk, 219 lbs. 11 oz.; yield of butter, 21 lbs. 4 oz.; test made from January 8 to 15, 1891; age, 4 years and 9 months; estimated weight, 950 lbs.; fed during test, 16 qts. of a mixture of 1 part bran, 2 parts ground corn and 3 parts ground oats, daily, in two feeds—bran mash daily, good hay; property of L. L. Tozier, Batavia, N. Y.

- Yum Yum of St. Lambert 39152
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Floribundus 2d 14949
    - Victor (P.S. 148 J. H. B.)
      - Tom (P. S. 77 J. H. B.)
      - La Petite Jaune (F. S. 1065 J. H. B.)
    - Floribundus (F. S. 659 J. H. B.)

Pedronina 34803.—Yield of milk, 248 lbs. 6 oz.; yield of butter, 21 lbs. 3 oz.; test made from October 14 to 21, 1891; age, 6 years and 6 months; estimated weight, 1,000 lbs.; fed during test, 8 qts. corn meal, 8 qts. oats and 5 qts. wheat middlings daily—very good pasture; property of D. F. Appleton, Ipswich, Mass.

- Pedronina 34803
  - Young Pedro 9033
    - Pedro 3187
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Rioter Alphea 10091
      - Jason Jr. 3270.
      - Chansonnette 5695.
  - Nina 2d 2557.
    - Diogenes 277
      - McClellan 323.
      - Diana 672.
    - Nina 955, imp.

Busy Melrose 54456.—Yield of milk, 289 lbs.; yield of butter, 21 lbs. 1¼ oz.; test made from July 29 to August 5, 1892; age, 5 years and 3 months; estimated weight, 950 lbs.; fed during test, 28 lbs. oil meal, 28 lbs. bran, 49 lbs. corn meal and 56 lbs. cotton-seed hulls, estimated—poor pasture; property of Jo. C. Elstner, Shreveport, La.

- Busy Melrose 54456
  - Prince of Melrose 4819.
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259. imp.
      - Marjoram 3239, imp.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Busy Bee 6336
    - Top-Sawyer 1404
      - Marius 760.
      - Emblem 90.
    - Bisma 3d 1870
      - Fairfax 530.
      - Bisma 1669.

Susa Drew 38521.—Yield of milk, 262 lbs. 5 oz.; yield of butter, 21 lbs. 1 oz.; test made from June 4 to 11, 1892; age, 7 years and 2 months; estimated weight, 950 lbs.; fed during test, 28 qts. bran, 28 qts. yellow corn meal and 7 lbs. linseed meal—cut corn fodder and pasture; property of Giltedge Farm Co., Syracuse, N. Y.

- Susa Drew 38521
  - Cattaraugus Chief 6026.
    - Allegany Chief 2918
      - Signal 1170.
      - Corolla 4392.
    - Agapanthus 7174
      - Bedouin 1260.
      - Nettle 3241.
  - Signal Pomona 28393
    - Signal Jupiter 8703
      - Allegany Chief 2918.
      - Agapanthus 7174.
    - Pomona 2560
      - Fancy Joe 298.
      - Flora 1044.

Signal Queen 30869.—Yield of milk, 208 lbs.; yield of butter, 21 lbs. ½ oz.; test made from October 31 to November 7, 1891; age, 8 years; estimated weight, 850 lbs.; fed during test, 4 lbs. linseed meal, 10 lbs. corn meal, 4 lbs. ground oats and 4 lbs. bran, daily, in two feeds, on cut hay; property of Wm. Hart Dexter, Springfield, Mass.

- Signal Queen 30869
  - Chief of the Miamis 2958
    - Signal 1170
      - Marius 760.
      - Pansy Morris 2060.
    - Annie Lachaise 3961
      - Columbus 83.
      - Victorine Lachaise 2740, imp.
  - Fairy Queen of St. Brelade's 7464
    - Duke (P. S. 76 J. H. B.) (1905 A. J. C. C.)
      - Merry Boy (P. S. 61 J. H. B.)
      - Superb (F. S. 353 J. H. B.)
    - On I. of J.

Nuna 18669.—Yield of milk, 231 lbs. 12 oz.; yield of butter, 21 lbs.; test made from February 4 to 11, 1888; age, 5 years and 10 months; estimated weight, 850 lbs.; fed during test, 28 lbs. corn meal, 28 lbs. wheat bran, 28 lbs. oat meal, 28 lbs. cotton-seed meal and 70 lbs. roots; property of J. H. Walker, Worcester, Mass.

- Nuna 18669
  - Southville Boy 4271
    - Major Domo 2161
      - Autocrat 1065.
      - Meg 673.
    - Drina W. 6900
      - Major Domo 2161.
      - Drusilla 5615.
  - Abbie Z. 4th 14743
    - Southville 6769
      - Albion 490.
      - Abbie Z. 14002.
    - Abbie Z. 14002
      - Comet 130.
      - Lupar 14001.

Paola Stoke Pogis 34691.—Yield of milk, 279 lbs.; yield of butter, 21 lbs.; test made from January 11 to 18, 1891; age, 5 years and 3 months; estimated weight, 800 lbs.; fed during test, 21 lbs. corn meal, 27 lbs. fine middlings, 78 lbs. bran, 10½ lbs. oil meal, 10½ lbs. pea meal, 6 lbs. roots and 126 lbs. ensilage—clover hay; property of P. J. Cogswell, Rochester, N. Y.

- Paola Stoke Pogis 34691
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122
  - St. John's Daisy 28388
    - St. John (P. S. 316 J. H. B.)
      - Carlo (P. S. 180 J. H. B.) (5559 A. J. C. C.)
      - Unique (F. S. 1035 J. H. B.)
    - Letacq Bess.

Vernon Dolly 52284.—Yield of milk, 308 lbs.; yield of butter, 21 lbs.; test made from May 27 to June 3, 1893; age, 5 years and 2 months; actual weight, 1,040 lbs.; clover pasture; property of Theodore L. Flood, Meadville, Pa.

- Vernon Dolly 52284
  - Dalton 20117
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259. imp.
      - Marjoram 3239. imp.
    - Annie Richmond 12608
      - Orawapum 2833.
      - Urbana 5597.
  - Vernon Beauty 50687
    - Gambetta M. 10012
      - Young Baltimore Boy 2048.
      - Embla 4799.
    - Tahoma of Linesville 15440
      - Hector of Linesville 7067
      - Juliet of Linesville 15439

Pocia of Andalusia 62616.—Yield of milk, 328 lbs. 12 oz.; yield of butter, 20 lbs. 15 oz.; test made from May 17 to 24, 1892; age, 3 years and 6 months; estimated weight, 900 lbs.; fed during test, 6 qts. corn meal and 6 qts. ground oats, daily, in two feeds—pasture, timothy, common grass and some white clover; property of George Fox, Torresdale, Pa.

- Pocia of Andalusia 62616
  - Boss of the Cedars 17712
    - Bessus 13517
      - Duke of Cloverdale 6994
      - Brown Bess 13092.
    - Rita of Andalusia 29414
      - Majestic Pedro 8043.
      - Muriel 4th 17146.
  - Princess of Ashantee 4th 26307
    - King Koffee 5532
      - Sir George (P. S. 221 J. H. B.)
      - Coomassie 11874 (F. S. 1442 J. H. B.)
    - Princess of Ashantee 13467, imp.

Fadette Signal 39472.—Yield of milk, 234 lbs.; yield of butter, 20 lbs. 14½ oz.; test made from January 18 to 25, 1893; age, 7 years and 10 months; estimated weight, 800 lbs.; fed during test, 84 lbs. corn, 42 lbs. oats, 42 lbs. bran, 28 lbs. linseed, 280 lbs. ensilage and 70 lbs. hay; property of William Hart Dexter, Springfield, Mass.

- Fadette Signal 39472.
  - Chief of the Miamis 2958
    - Signal 1170
      - Marius 760.
      - Pansy Morris 2060.
    - Annie Lachaise 3961
      - Columbus 83.
      - Victorine Lachaise 2740, imp.
  - Fadette of Canaan 14807
    - Wanderer 3014
      - Signal 1170.
      - Cosette 3874.
    - Fadette of Verna 2d 9024
      - Jeheebhoy 4206.
      - Fadette of Verna 6814.

Lady Longfield 23524.—Yield of milk, 227 lbs. 8 oz.; yield of butter, 20 lbs. 13 oz.; test made from January 12 to 19, 1891; age, 8 years and 11 months; estimated weight, 950 lbs.; fed during test, 8 lbs. corn chop and 4 lbs. wheat bran, mixed, twice daily; property of Campbell Brown, Spring Hill, Tenn.

- Lady Longfield 23524.
  - Cicero 7657 (P. S. 266 J. H. B.)
    - Happy (P.S. 211 J.H.B.)
      - Vertumnus (P. S. 161 J. H. B.)
      - Garenne (F. S. 1575 J. H. B.)
    - Fleur De l'Air 12702 (F. S. 1736 J. H. B.)
  - Dappled (F. S. 2773 J. H. B.)

Matina of Riverside 51783.—Yield of milk, 338 lbs. 8 oz.; yield of butter, 20 lbs. 12 oz.; test made from November 12 to 19, 1893; age, 6 years and 4 months; estimated weight, 1,000 lbs.; fed during test, 42 qts. ground corn and oats, 21 qts. oil meal and cotton-seed meal, 49 qts. wheat bran, 14 qts. wheat middlings, 14 qts. Buffalo gluten feed and 350 lbs. corn ensilage—hay *ad lib.*; property of E. L. Van Deusen, Ashley Falls, Mass.

- Matina of Riverside 51783
  - Holyoke 8147
    - Eupidee 4097
      - Duke of Darlington 2460
      - Leda 799.
    - Belle of Flanders 9949
      - New Britain 2551.
      - Leah 2968.
  - Usilda's Pride 13921
    - Oriflamme 2559
      - Jeweler 1385.
      - Olive 232.
    - Usilda 3d 7375
      - Rex 1330.
      - Usilda 832.

Daisy Delafield 59230.—Yield of milk, 266 lbs. 7 oz.; yield of butter, 20 lbs. 11 oz.; test made from March 11 to 18, 1893; age, 5 years and 4 months; estimated weight, 850 lbs.; fed during test, 35 lbs. ground corn and oats, 28 lbs. bran, 14 lbs. linseed meal, 30 lbs. turnips, 30 lbs. potatoes and 126 lbs. hay and rowen; property of Elmer E. Maynard, Savoy Centre, Mass.

- Daisy Delafield 59230.
  - Stockholder 2d 15616
    - Stockholder 7214
      - Duke of Darlington 2460
      - Reception 3d 11025.
    - Rose of Glynllyn 14037
      - Manchester's Prospect 2817.
      - Jersey Cream 3151.
  - Lilian of Sunswick 36616
    - Catalpa's King 5878
      - Sesostris 2281.
      - Catalpa 3916.
    - Gipsy of Sunswick 11751
      - Duke of Lenox 2d 2843.
      - Zinga 3d 7409.

Cynthia A. 43721.—Yield of milk, 246 lbs.; yield of butter, 20 lbs. 10 oz., test made from May 21 to 28, 1893; age, 7 years and 6 months; estimated weight, 950 lbs.; fed during test, 1 qt. oil meal, 2 qts. corn meal and 2 qts. ground oats, in two feeds, daily—good blue grass, timothy and clover; property of J. E. Carson, Crab Orchard, Ky.

- Cynthia A. 43721
  - Alfonso 3013
    - Signal 1170
      - Marius 760.
      - Pansy Morris 2060.
    - Rosa Gamp 2732
      - On I. of J.
      - Victoria Gamp 1446, imp.
  - Chrissy Signal 27790
    - Signal Jr. 7166
      - Signal 1170.
      - Alda 3873.
    - Chrissy 3d 15615
      - Grand Duke Alexis 1040
      - Chrissy 1448.

Dicta 55221.—Yield of milk, 255 lbs. 2 oz.; yield of butter, 20 lbs. 9 oz.; test made from April 30 to May 7, 1893; age, 4 years and 7 months; estimated weight, 850 lbs.; fed during test, 18 qts. daily of a mixture of equal parts of corn meal, ground oats, wheat bran, 1 pt. oil meal and 5 lbs. cut hay—long hay *ad lib.;* property of Walter W. Law, Whitson, N. Y.

- Dicta 55221
  - Young Pedro 9033
    - Pedro 3187
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Rioter Alphea 10091
      - Jason Jr. 3270.
      - Chansonnette 5695.
  - Brenda Yorke 34460
    - Lord Darlington 7285
      - Duke of Darlington 2460
      - Marjoram 3239.
    - Kittura 2d 26178
      - Owandah Boy 2d 7520.
      - Kittura 10735.

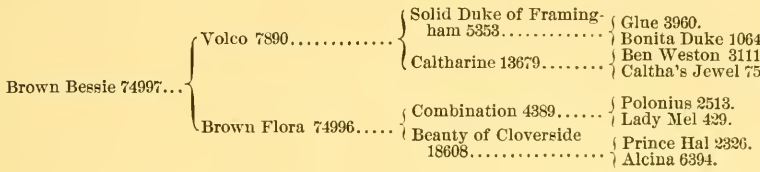
Princess Malita 66676.—Yield of milk, 205 lbs. 8 oz.; yield of butter, 20 lbs. 8¾ oz.; test made from December 12 to 19, 1892; age, 3 years and 11 months; estimated weight, 800 lbs.; fed during test, 24 lbs. mixed cornhearts and wheat bran, daily, in two feeds—hay, short blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Princess Malita 66676.
  - Southern Prince 10760.
    - Forget-me-not 6291
      - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Erica (F. S. 1946 J. H. B.)
    - Oxford Kate 13646
      - Pilot (P. S. 183 J. H. B.)
      - Verclut (F. S. 1846 J. H. B.)
  - Rosa of Belle Vue 6954, imp.

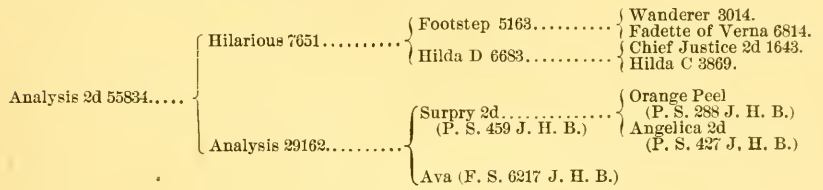
Tormentor's Daisy 52496.—Yield of milk, 250 lbs.; yield of butter, 20 lbs. 8½ oz.; test made from December 7 to 14, 1893; age, 7 years and 1 month; estimated weight, 900 lbs.; fed during test, 12 lbs. wheat bran, 19½ lbs. corn and oats, 5½ lbs. oil meal and 28 lbs. beets daily—timothy hay; property of Charles A. Sweet, Buffalo, N. Y.

- Tormentor's Daisy 52496
  - Denise's Tormentor 11823
    - Tormentor 3533
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Denise 8281
      - Top-Sawyer 1404.
      - Lucy 4577.
  - Dolly of Riverside 32944
    - Champion of Riverside 5787
      - Champion of America 1567.
      - Annie Hill 4866.
    - Whiting's Daisy 14858
      - Brisk 2077.
      - Brewer's Daisy 7333.

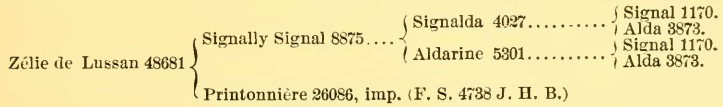
Brown Bessie 74997.—Yield of milk, 283 lbs. 2 oz.; yield of butter, 20 lbs. 8 oz.; test made from September 8 to 15, 1890; age, 5 years and 5 months; estimated weight, 950 lbs.; fed during test, 94 lbs. of a mixture of equal parts in weight of ground corn and oats, and 16 lbs. bran—good clover, timothy and June grass pasture; property of Richardson Bros., Orfordville, Wis.



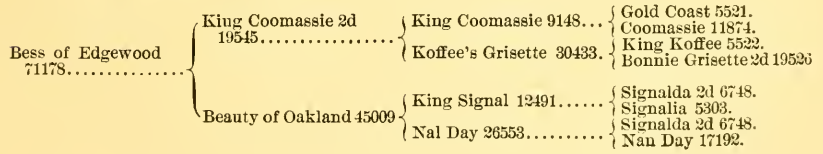
Analysis 2d 55834.—Yield of milk, 242 lbs. 11 oz.; yield of butter, 20 lbs. 7½ oz.; test made from March 25 to April 1, 1891; age, 4 years and 6 months; estimated weight, 850 lbs.; fed during test, 2 gals. corn-hearts, 2 gals. wheat bran and 2 gals. ground oats daily, also good corn ensilage—clover hay *ad lib.*; property of Matthews & Moore, Huntsville, Ala.



Zélie de Lussan 48681.—Yield of milk, 326 lbs. 8 oz.; yield of butter, 20 lbs. 7 oz.; test made from June 27 to July 4, 1893; age, 7 years and 1 month; estimated weight, 1,000 lbs.; fed during test, 8 qts. Buffalo gluten meal, 8 qts. mixed corn and oats, ground, and some oil meal, daily—natural pasture; property of George W. Sisson, Jr., Potsdam, N. Y.



Bess of Edgewood 71178.—Yield of milk, 276 lbs. 2 oz.; yield of butter, 20 lbs. 6 oz.; test made from May 31 to June 7, 1893; age, 4 years; actual weight, 775 lbs.; fed during test, 50 lbs. corn meal and 28 lbs. wheat bran—mixed grasses; property of Columbus Dixon, Gillespieville, Ohio.



L. D.'s Melia 29087.—Yield of milk, 222 lbs.; yield of butter, 20 lbs. 6 oz.; test made from January 1 to 8, 1888; age, 3 years and 5 months; estimated weight, 875 lbs.; fed during test, 28 qts. bran, 28 qts. oatmeal and 42 qts. roots—hay *ad lib.*; property of J. H. Walker, Worcester, Mass.

- L. D.'s Melia 29087...
  - Lord Darlington 7285...
    - Duke of Darliugton 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Marjoram 3239, imp.
  - Melia Ann 5444.....
    - Lord Aylmer 1067.....
      - Lord Lisgar 1066.
      - Pauline 494.
    - Amelia 2d 1730.....
      - Victor Hugo 197, imp.
      - Amelia 484, imp.

Pride of Ingleside 54545.—Yield of milk, 287 lbs. 8 oz.; yield of butter, 20 lbs. 4½ oz.; test made from June 20 to 27, 1893; age, 5 years and 8 months; actual weight, 1,005 lbs.; fed during test, 10 qts. corn meal, 4 qts. ground oats and 3 qts. ground oil-cake daily—good meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Pride of Ingleside 54545.....
  - Duke of Ingleside 14274
    - Young Duke of Darlington 7231.....
      - Duke of Darlington 2460
      - Lady Vermont 11024.
    - Eveline of Jersey 6781..
      - Grey Prince (F. S. 168 J. H. B.)
      - Daisy (F. S. 1355 J.H.B.)
  - Gipsy's Pride 2d 29365..
    - Tuscarora of Clermont 7232.....
      - Harold of Jersey 2864.
      - Daisy of Clermont 3492.
    - Gipsy's Pride 25230....
      - Canister 7735.
      - Gipsy Maid 2d 16902.

Clotaire's Beauty 28171.—Yield of milk, 262 lbs. 1½ oz.; yield of butter, 20 lbs. 4 oz.; test made from March 19 to 26, 1891; age, 7 years and 3 months; estimated weight, 950 lbs.; fed during test, 16 qts. daily of a mixture of one part bran, two parts ground corn and three parts ground oats—bran slop daily; property of L. L. Tozier, Batavia, N. Y.

- Clotaire's Beauty 28171.....
  - Clotaire 9884.....
    - Royal Oak 6219..... (P. S. 286 J. H. B.)
      - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Flossy (F.S. 1655 J.H.B.)
    - Floribundus 2d 14949...
      - Victor (P. S. 148 J.H.B.)
      - Floribundus (F. S. 659 J. H. B.)
  - Lady Bingo 24160.....
    - Bingo 2d 6749.....
      - Bingo 1811.
      - Madge Livingston 6695.
    - Mrs. Knickerbocker 19367.....
      - Bingo 1811.
      - Miss Beauty 4053.

Chief's Queen 69967.—Yield of milk, 246 lbs. 15 oz.; yield of butter, 20 lbs. 3 oz.; test made from December 7 to 14, 1892; age, 2 years and 11 months; estimated weight, 800 lbs.; fed during test, 70 lbs. corn meal, 42 lbs. ground oats, 42 lbs. wheat bran, 42 lbs. cotton-seed meal, 280 lbs. ensilage and 70 lbs. hay; property of William Hart Dexter, Springfield, Mass.

- Chief's Queen 69967..
  - Geranium's Chief 18607
    - Chief of the Miamis 2958
      - Signal 1170.
      - Annie Lachaise 3961.
    - Geranium 2d 7838.....
      - Signal 1170.
      - Geranium 3963.
  - Allie's Queen 45618.....
    - King Allie 14290.....
      - King of Ashantee 6677.
      - Allie Minka 2d 18989.
    - Fairy Queen of St. Brelade's 7464.....
      - Duke (P. S. 76 J. H. B.)
      - On I. of J.

Lamba 79039.—Yield of milk, 272 lbs. 10 oz.; yield of butter, 20 lbs. 3 oz.; test made from November 1 to 8, 1893; age, 4 years and 1 month; actual weight, 835 lbs.; fed during test, 60 lbs. corn meal, 30 lbs. ground wheat, 24 lbs. ground oats, 14 lbs. cotton-seed meal and 72 lbs. hay—good meadow aftermath; property of J. P. Bradbury, Pomeroy, Ohio.

- Lamba 79039
  - St. Lambert Boy 17408.
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Oaklands Nora 14880
      - Lorne 5248.
      - Pet of St. Lambert 5123.
  - Dairymaid 2d 13651
    - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Grey King (P. S. 169 J. H. B.)
      - Bonheur (F. S. 1651 J. H. B.)
    - Dairymaid (F. S. 2181 J. H. B.)

Oonan's Jeannette 45616.—Yield of milk, 261 lbs. 12 oz.; yield of butter, 20 lbs. 3 oz.; test made from October 17 to 24, 1891; age, 5 years and 10 months; estimated weight, 750 lbs.; fed during test, 24 lbs. daily of a mixture of bran and oats, in two feeds—rather poor fall pasture; property of George M. Jewett, Glenville, Md.

- Oonan's Jeannette 45616
  - Oonan's Rajah 8965
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Oonan 1485
      - Rajah 340, imp.
      - Omoo 1247, imp.
  - Lady Jeannette of St. James 12054
    - Le Brocq's Prize 3350
      - On I. of J.
      - Matin 7768 (F. S. 1629 J. H. B.)
    - Lady Jane of St. Peter's 7475
      - On I. of J.
      - Matin 7768 (F. S. 1629 J. H. B.)

Rubano's Valentine 54703.—Yield of milk, 291 lbs. 6 oz.; yield of butter, 20 lbs. 3 oz.; test made from May 30 to June 6, 1893; age, 6 years and 3 months; estimated weight, 900 lbs.; fed during test, 28 lbs. ground oats, 42 lbs. corn meal, 10½ lbs. linseed meal and 56 lbs. bran—good blue grass pasture; property of Samuel McKeen, Terre Haute, Ind.

- Rubano's Valentine 54703
  - Rubano 8806
    - Sir George of St. Lambert 6036
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483.
    - Nina of St. Lambert 12963
      - Stoke Pogis 3d 2238.
      - Jessamine of St. Lambert 5125.
  - Valentine of Trinity 7460
    - Duke (P. S. 76 J. H. B.) (1905 A. J. C. C.)
      - Merry Boy (P. S. 61 J. H. B.)
      - Superb (F. S. 353 J. H. B.)
    - On I. of J.

Seneca's Mocha 23355.—Yield of milk, 406 lbs. 9 oz.; yield of butter, 20 lbs. 3 oz.; test made from June 1 to 8, 1890; age, 6 years and 11 months; estimated weight, 950 lbs.; fed during test, 10 qts. bran and 8 qts. corn meal daily—fodder, clover and blue grass pasture; property of John J. Mott, Statesville, N. C.

- Seneca's Mocha 23355.
  - Seneca Chief 4098
    - Lord Shaftesbury 2499.
      - Litchfield 674.
      - Chestnut 1888.
    - May Blossom 5657
      - Litchfield 674.
      - Bessie Allen 3719.
  - Mocha 2d 4881
    - Mount Peter 1320
      - Monadnock 258.
      - Bronx 2d 637.
    - Mocha 1921
      - Jerry 2d 513.
      - Sally 233.

Letty Rioter 73475.—Yield of milk, 251 lbs. 6 oz.; yield of butter, 20 lbs. 1 oz.; test made from October 31 to November 7, 1893; age, 4 years and 4 months; actual weight, 820 lbs.; fed during test, 40 lbs. corn meal, 30 lbs. ground wheat, 24 lbs. ground oats, 14 lbs. cotton-seed meal, 10 lbs. old process oil meal and 72 lbs. hay—good meadow aftermath; property of J. P. Bradbury, Pomeroy, Ohio.

- Letty Rioter 73475...
  - Diana's Rioter 10481....
    - Sir George of St. Lambert 6036.....
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483, imp.
    - Diana of St. Lambert 6636.....
      - Stoke Pogis 3d 2238.
      - Pet of St. Lambert 5123.
  - Letty Coles 2d 48128....
    - Diana's Rioter 10481....
      - Sir George of St. Lambert 6036.
      - Diana of St. Lambert 6636.
    - Letty Coles 23351.....
      - Orloff 3143.
      - Columbine of St. Lambert 8350.

Matilda 6th 39290.—Yield of milk, 202 lbs. 10 oz.; yield of butter, 20 lbs. 1 oz.; test made from March 15 to 22, 1891; age, 4 years and 10 months; estimated weight, 950 lbs.; fed during test, 28 lbs. oil meal, 28 lbs. pea meal, 42 lbs. corn meal, 56 lbs. oatmeal, 56 lbs. bran, 70 lbs. hay and 1½ bushel roots; property of Ayer & McKinney, Philadelphia, Pa.

- Matilda 6th 39290.....
  - Lord Darlington 7285...
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Marjoram 3239, imp.
  - Matilda 3238, imp.

Zélie de Lussan 48681.—Yield of milk, 324 lbs.; yield of butter, 20 lbs. 1 oz.; test made from June 3 to 10, 1893; age, 7 years; estimated weight, 1,000 lbs.; fed during test, 4 qts. Buffalo gluten meal and 8 qts. mixed corn meal, oats, middlings and oil meal daily—natural pasture; property of George W. Sisson, Jr., Potsdam, N. Y.

- Zélie de Lussan 48681.
  - Signally Signal 8875....
    - Signalda 4027.....
      - Signal 1170.
      - Alda 3873.
    - Aldarine 5301.....
      - Signal 1170.
      - Alda 3873.
  - Printonnière 26086, imp. (F. S. 4738 J. H. B.)

Shelta F. 56437.—Yield of milk, 275 lbs. 4 oz.; yield of butter, 20 lbs. ½ oz.; test made from May 22 to 29, 1893; age, 5 years; estimated weight, 750 lbs.; fed during test, 100 qts. ground corn and oats (equal parts), 18 qts. bran, 7 qts. cotton-seed meal, fed on cut hay; property of W. R. Rison, Huntsville, Ala.

- Shelta F. 56437.....
  - Signalda's Torment 14673.....
    - Signalda 4027.....
      - Signal 1170.
      - Alda 3873.
    - Odelle Sales 15564.....
      - Tormentor 3533.
      - Oonan 1485.
  - Kate Grimball 56435....
    - Hilarious 7651.....
      - Footstep 5163.
      - Hilda D. 6683.
    - Miss Juliet 20195.....
      - Coupon Clipper 2840.
      - Aldarine 2d 14196.

Allie's Emblem 45620.—Yield of milk, 221 lbs.; yield of butter, 20 lbs.; test made from May 17 to 24, 1891; age, 4 years and 1 month; estimated weight, 900 lbs.; fed during test, 16 lbs. daily of a mixture of corn meal and ship stuff—clover, blue and orchard grass pasture; property of George M. Jewett, Glenville, Md.

- Allie's Emblem 45620.
  - King Allie 14290.....
    - King of Ashantee 6677..
      - Fairfield 4733.
      - Coomassie 1874.
    - Allie Minka 2d 18989 ...
      - Tormentor 3533 (F. S. 259 J. H. B.)
      - Allie Minka 2982.
  - Signal Emblem 39473...
    - Chief of the Miamis 2958
      - Signal 1170.
      - Annie Lachaise 3961.
    - Embla Brick 15690.....
      - Roy Brick 5637.
      - Embla 4799.

Nellie Hugo 53793.—Yield of milk, 242 lbs. 6 oz.; yield of butter, 20 lbs.; test made from May 8 to 15, 1892; age, 4 years and 1 month; estimated weight, 800 lbs.; fed during test, 56 qts. pea meal, 56 qts. bran and shorts, 28 qts. cotton-seed meal and 35 lbs. corn ensilage—hay, good mixed pasture; property of James Crook, Jacksonville, Ala.

- Nellie Hugo 53793 ...
  - St. Lambert's John Bull 16618.....
    - Canada's John Bull 8388.....
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Mavourneen of St. Lambert 9777.....
      - Stoke Pogis 3d 2238.
      - Amelia 484, imp.
  - Miss Nellie Pe... ...988
    - Perrot (P.S. 342 J. H. B.)
      - Bobby (P. S. 208 J.H.B.)
      - Royal Beauty (P. S. 390 J. H. B.)
    - Lass Nellie 24012.....
      - Bobby (P. S. 243 J. H. B.)
      - Isabella (F. S. 1670 J. H. B.)

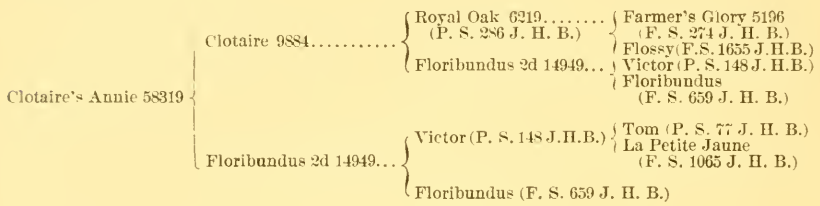
Young Floribundus 3d 59312.—Yield of milk, 230 lbs. 1 oz.; yield of butter, 19 lbs. 14¾ oz.; test made from November 1 to 8, 1890; age, 3 years and 6 months; estimated weight, 1,050 lbs.; fed during test, 16 qts. daily of a mixture of one part bran, two parts ground corn and three parts ground oats —bran slop daily, good hay *ad lib.*; property of L. L. Tozier, Batavia, N. Y.

- Young Floribundus 3d 59312.....
  - Lanison 15283.....
    - Lord Dartmouth 6302...
      - Miletus 3186.
      - Eurotas 2454.
    - Lanice 13656.....
      - Black Prince of Hanover 2873.
      - Daisy Darling 6386.
  - Young Floribundus 28172.....
    - Theron 5722.....
      - Rubicon 1202.
      - Lady Sarah 4931.
    - Floribundus 2d 14949...
      - Victor (P. S. 148 J.H.B.)
      - Floribundus (F. S. 659 J. H. B.)

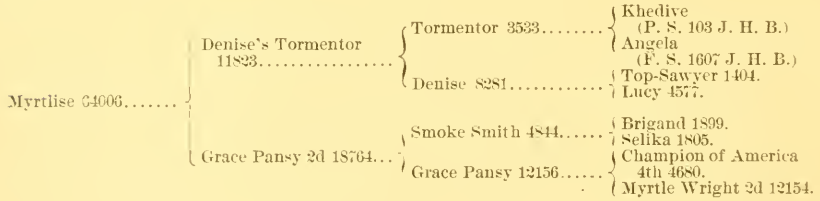
Pogis' Dewdrop 40373.—Yield of milk, 261 lbs. 6 oz.; yield of butter, 19 lbs. 12½ oz.; test made from April 14 to 21, 1890; age, 3 years and 9 months; estimated weight, 900 lbs.; fed during test, 56 qts. ground oats, 28 qts. pea meal, 28 qts. corn meal and 20 lbs. ensilage—hay, clover pasture; property of James Crook, Jacksonville, Ala.

- Pogis' Dewdrop 40373
  - Prince of Melrose 2d 11015.....
    - Prince of Melrose 4819.
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484.....
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Dewdrop Pansy 19736..
    - Platon (F. S. 310 J. H. B.)
    - Pansy (F. S. 1072 J. H. B.)

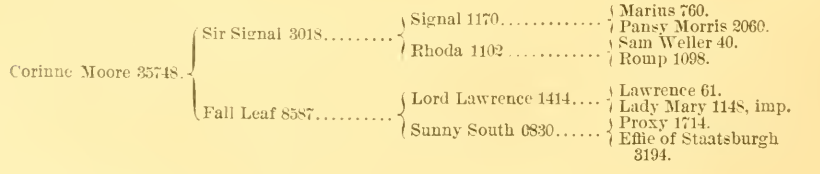
Clotaire's Annie 58319.—Yield of milk, 212 lbs. 11 oz.; yield of butter, 19 lbs. 11½ oz.; test made from January 30 to February 6, 1890; age, 4 years and 10 months; estimated weight, 900 lbs.; fed during test, 16 qts. daily of a mixture composed of one part bran, two parts ground corn and three parts ground oats, also bran slop daily—hay *ad lib.*: property of L. L. Tozier, Batavia, N. Y.



Myrtlise 64006.—Yield of milk, 204 lbs. 4 oz.; yield of butter, 19 lbs. 9 oz.; test made from November 25 to December 2, 1893; age, 5 years and 2 months; estimated weight, 850 lbs.; fed during test, 15 qts. ground corn and oats, 12 qts. wheat bran, 3 qts. oil meal, cooked, and 20 qts. beets daily—timothy hay; property of Charles A. Sweet, Buffalo, N. Y.



Corinne Moore 35748.—Yield of milk, 270 lbs. 9 oz.; yield of butter, 19 lbs. 8 oz.; test made from December 6 to 13, 1891; age, 7 years and 9 months; estimated weight, 900 lbs.; fed during test, 126 lbs. ensilage, 56 lbs. bran, 42 lbs. corn meal, 14 lbs. oats and 14 lbs. cotton-seed meal; property of M. Lothrop, Marshall, Tex.



Exile's Dolly 67452.—Yield of milk, 327 lbs. 4 oz.; yield of butter, 19 lbs. 7½ oz.; test made from May 1 to 8, 1893; age, 5 years and 8 months; estimated weight, 900 lbs.; fed during test, 94½ lbs. corn meal, 31½ lbs. cotton-seed meal, 42 lbs. bran, 15¾ lbs. oatmeal, 64¼ lbs. hay and 147 lbs. roots; property of Pierce J. Cogswell, Rochester, N. Y.

- Exile's Dolly 67452...
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Jennie Stoke Pogis 32010.....
    - Exile of St. Lambert 13657.....
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Puss Lurlene 21461.....
      - Prince of Genesee 4222.
      - Duchess Lurlene 9048.

Katie of St. Lambert 54776.—Yield of milk, 235 lbs. 9 oz.; yield of butter, 19 lbs. 7 oz.; test made from April 23 to 30, 1893; age, 5 years and 10 months; estimated weight, 875 lbs.; fed during test, 5 qts. corn meal, 5 qts. oatmeal, 7 qts. wheat bran, 2 qts. oil meal, 22 lbs. ensilage and 8 lbs. roots daily; property of Mrs. E. F. Hawley, Pittsford, N. Y.

- Katie of St. Lambert 54776.....
  - Duke of St. Lambert 16160.....
    - Baron of St. Lambert 5286.....
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Charity of St. Lambert 6638.....
      - Stoke Pogis 3d 2238.
      - Flora of St. Lambert 5526.
  - Kate Winslow 28055...
    - Bristol Chief 3d 4072...
      - Bristol Chief 1496.
      - Priscilla Hurd 5521.
    - Lady Parqua 4165.....
      - Clifton Duke 1118.
      - Zingara 1939.

Tuäa Perrot 46357.—Yield of milk, 207 lbs. 12½ oz.; yield of butter, 19 lbs. 5½ oz.; test made from July 16 to 23, 1893; age, 6 years and 1 month; estimated weight, 850 lbs.; fed during test, 15 qts. ground corn and oats, 12 qts. wheat bran and 3 qts. oil meal, in three feeds, daily—green oats and peas; property of Charles A. Sweet, East Aurora, N. Y.

- Tuäa Perrot 46357....
  - Thotmes 17157.....
    - Minnie's Duke of Darlington 6934.....
      - Duke of Darlington 2460
      - Minnie of Oxford 12806.
    - Boulivot 24429.....
      - Garibaldi (P. S. 242 J. H. B.)
      - Miss Love (F. S. 1880 J. H. B.)
  - Sylvia Perrot 30963.....
    - Perrot (P. S. 342 J. H. B.)
      - Bobby (P. S. 208 J.H.B.)
      - Royal Beauty (P. S. 390 J. H. B.)
    - Chestnut Farm Sylvia 25022 (F. S. 5250 J. H. B.)

Jane Neptune 52345.—Yield of milk, 308 lbs.; yield of butter, 19 lbs. 4½ oz.; test made from December 19 to 26, 1891; age, 4 years and 9 months; estimated weight, 1,000 lbs.; fed during test, 12 qts. daily of a mixture of oats, peas, barley, corn-hearts, bran and cotton-seed meal, in two feeds, on 1 peck sweet apples—clover hay and corn fodder; property of E. G. Youmans, Groton City, N. Y.

- Jane Neptune 52345
  - Young Neptune 17656
    - Baron Neptune 10090
      - Baron (P. S. 372 J. H. B.)
      - Dora Neptune 20318.
    - Dora Neptune 20318
      - Neptune (P. S. 230 J. H. B.)
      - Dora (P. S. 155 J. H. B.)
  - Favorite of Avon 13438
    - Grey King (P. S. 169 J. H. B.)
    - Camelia (F. S. 1687 J. H. B.)

Jonquil of Bingo Farm 41786.—Yield of milk, 289 lbs. 12 oz.; yield of butter, 19 lbs. 3 oz.; test made from June 9 to 16, 1892; age, 9 years and 2 months; estimated weight, 800 lbs.; fed during test, timothy and June grass only; property of Mrs. J. R. Sherman, Granville, N. Y.

- Jonquil of Bingo Farm 41786
  - Pickwick 2d 8915
    - Pickwick 3985
      - Jason of Deerfoot 1636.
      - Villette 1382.
    - Princess of Mansfield 8070
      - Pierrot 2d 1669.
      - Flirt 482.
  - Pansy of Bingo Farm 41784
    - Pickwick 3985
      - Jason of Deerfoot 1636.
      - Villette 1382.
    - Violet of Bingo Farm 41783
      - Julius 1060.
      - Poppy of Sylvan Shade 41782.

Nutshell 2d 50962.—Yield of milk, 240 lbs. 1 oz.; yield of butter, 19 lbs. 2 oz.; test made from March 30 to April 6, 1892; age, 4 years and 1 month; estimated weight, 700 lbs.; fed during test, 10 qts. corn meal, 8 qts. ground oats, 9 qts. shorts and 1 qt. oil meal daily—hay *ad lib.*, no pasture; property of D. F. Appleton, Ipswich, Mass.

- Nutshell 2d 50962
  - Eurotas' Victor Hugo 15689
    - Victor Hugo Pogis 11256
      - Rambler of St. Lambert 5285.
      - Crocus of St. Lambert 8351.
    - Eurotas 2454
      - Rioter 2d 469, imp.
      - Europa 176.
  - Nutshell 10326
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Nellie Darlington 5955
      - Smith of Darlington 2458.
      - Grace Darlington 5574.

Pride of Springvale 20093.—Yield of milk, 245 lbs.; yield of butter, 19 lbs. 2 oz.; test made from May 16 to 23, 1893; age, 10 years and 4 months; estimated weight, 900 lbs.; fed during test, 56 qts. ground oats, 42 qts. corn meal and 28 qts. cotton-seed meal—hay and good winter rye pasture; property of James Crook, Jacksonville, Ala.

- Pride of Springvale 20093
  - Alpheus of Springvale 5645
    - Auchentoroly 3494
      - Cerdic 1204.
      - Agnes Sorrel 2162.
    - Canobie 6964
      - Westchester 1266.
      - Clytemnestra 2455.
  - Alabama 7690
    - Dainty Boy 2955
      - Pierrot 636, imp.
      - Dainty 796, imp.
    - Ruby 787, imp.

Oaklands Nora 2d 45967.—Yield of milk, 262 lbs. 13 oz.; yield of butter, 19 lbs. 1 oz.; test made from October 29 to November 5, 1893; age, 6 years and 2 months; estimated weight, 900 lbs.; fed during test, 42 qts. corn meal, 28 qts. ground oats, 14 qts. oil meal and 42 qts. ship feed—fair pasture; property of H. G. Westlake, Hillsdale, N. Y.

- Oaklands Nora 2d 45967
  - Canada's John Bull Jr. 15693
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Oaklands Nora 14880
      - Lorne 5248.
      - Pet of St. Lambert 5123.
  - Oaklands Nora 14880
    - Lorne 5248
      - Lord Lisgar 1066.
      - Favorite of St. Lambert 5118.
    - Pet of St. Lambert 5123.
      - Lord Lisgar 1066.
      - Lucy of St. Lambert 5116

Pogis' Twilight 53794.—Yield of milk, 234 lbs. 9 oz.; yield of butter, 19 lbs. 1 oz.; test made from December 19 to 26, 1891; age, 3 years and 8 months; estimated weight, 875 lbs.; fed during test, 56 qts. corn meal, 42 qts. ground oats, 7 gals. raw cotton-seed and 210 lbs. ensilage—hay, no pasture; property of James Crook, Jacksonville, Ala.

- Pogis' Twilight 53794.
  - St. Lambert's John Bull 16618
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Mavourneen of St. Lambert 9777
      - Stoke Pogis 3d 2238.
      - Amelia 484, imp.
  - Dewdrop Pansy 19736
    - Platon (F. S. 310 J. H. B.)
    - Pansy (F. S. 1072 J. H. B.)

Pretty Patty 44108.—Yield of milk, 231 lbs.; yield of butter, 19 lbs. 1 oz.; test made from April 5 to 12, 1891; age, 4 years; estimated weight, 900 lbs.; fed during test, 24 qts. of equal parts ground oats and corn meal, 30 lbs. sugar beets, 20 lbs. ensilage and 12 lbs. cooked clover hay daily; property of Miller & Sibley, Franklin, Pa.

- Pretty Patty 44108
  - Stoke Pogis 5th 5987
    - Stoke Pogis 1259, imp.
    - Marjoram 3239, imp.
  - Yellow Lass 32603
    - Yellow Boy 6381
      - Duke of Darlington 2460.
      - Daisy 692, imp.
    - That Lass o' Lowrie's 9128
      - On I. of J.
      - Rozel Lass 7280, imp.

Silver Delle 40691.—Yield of milk, 237 lbs.; yield of butter, 18 lbs. 14½ oz.; test made from May 1 to 8, 1892; age, 6 years and 1 month; estimated weight, 850 lbs.; fed during test, 98 lbs. of a mixture of ground oats, ground peas, wheat bran and oil meal—short pasture; property of Mrs. E. M. Jones, Brockville, Ont., Can.

- Silver Delle 40691
  - Ellwood 13382
    - McHenry 5890
      - Lord Charlton 5463.
      - Delle 3789.
    - Delle 2d 17737
      - Czar of New York 4049.
      - Delle 3789.
  - Charlton Caroline 11724
    - Baritone 1075
      - Euclid 520.
      - Lady Mary 1148, imp.
    - Caroline 2d 2019
      - On I. of J.
      - Caroline 2738, imp.

Tormentris 49659.—Yield of milk, 204 lbs. 2 oz.; yield of butter, 18 lbs. 14½ oz.; test made from November 6 to 13, 1893; age, 7 years and 3 months; estimated weight, 1,000 lbs.; fed during test, 15 qts. ground corn and oats, 15 qts. wheat bran and 3 qts. oil meal daily—hay; property of Charles A. Sweet, Buffalo, N. Y.

- Tormentris 49659....
  - Denise's Tormentor 11823.....
    - Tormentor 3533.....
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Denise 8281.....
      - Top-Sawyer 1404.
      - Lucy 4577.
  - Grace Pansy 2d 18764...
    - Smoke Smith 4844.....
      - Brigand 1899.
      - Selika 1805.
    - Grace Pansy 12156.....
      - Champion of America 4th 4680.
      - Myrtle Wright 2d 12154.

Victor Hugo's Maggie 30274.—Yield of milk, 242 lbs. 8 oz.; yield of butter, 18 lbs. 14 oz.; test made from May 13 to 20, 1888; age, 3 years and 6 months; estimated weight, 800 lbs.; fed during test, 70 qts. corn meal, 42 qts. bran and shorts, 42 qts. cotton-seed meal and 140 lbs. ensilage—hay, good clover pasture; property of James Crook, Jacksonville, Ala.

- Victor Hugo's Maggie 30274.....
  - Prince of Melrose 2d 11015.....
    - Prince of Melrose 4819.
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484.....
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Maggie of Springvale 15931.....
    - Duke of Springvale 4299
      - Date 2624.
      - Maid of Amboy 2929.
    - Jessie Lee of Labyrinth 5290.....
      - Tycoon Jr. 1212.
      - Beulah of Baltimore 3270

Angelina Pogis 40367.—Yield of milk, 218 lbs.; yield of butter, 18 lbs. 13 oz.; test made from January 12 to 19, 1890; age, 3 years and 8 months; estimated weight, 800 lbs.; fed during test, 70 qts. ground oats, 42 qts. corn meal, 14 qts. cotton-seed meal and 245 lbs. ensilage—hay, pasture of rye lot; property of James Crook, Jacksonville, Ala.

- Angelina Pogis 40367.
  - Prince of Melrose 2d 11015.....
    - Prince of Melrose 4819.
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484.....
      - Buffer 2055.
      - Juno of St. Lambert 5110
  - Zenobia of Springvale 20094.....
    - Alphens of Springvale 5645.....
      - Auchentoroly 3494.
      - Canobie 6964.
    - Ruby of Springvale 14505.....
      - Tunlaw Boy 2866.
      - Alabama 7690.

Imogene Pogis 44967.—Yield of milk, 223 lbs. 14 oz.; yield of butter, 18 lbs. 13 oz.; test made from December 19 to 26, 1890; age, 3 years and 8 months; estimated weight, 800 lbs.; fed during test, 56 qts. pea meal, 28 qts. corn meal, 14 qts. bran, 14 qts. cotton-seed meal and 245 lbs. ensilage—hay, pasture of good winter rye; property of James Crook, Jacksonville, Ala.

- Imogene Pogis 44967.
  - Prince of Melrose 2d 11015
    - Prince of Melrose 4819.
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110
  - Lass de Grantez 26673
    - Duke of Grantez (P. S. 410 J. H. B.)
      - Lord of the Manor (P. S. 294 J. H. B.)
      - Edith (F. S. 1597 J. H. B.)
    - Cream Lily 24015
      - Silver (P. S. 287 J. H. B.)
      - Lutitia (F. S. 2919 J. H. B.)

Sedate 11119.—Yield of milk, 223 lbs. 9 oz.; yield of butter, 18 lbs. 13 oz.; test made from November 30 to December 7, 1892; age, 12 years and 8 months; estimated weight, 850 lbs.; fed during test, 70 lbs. corn meal, 42 lbs. ground oats, 42 lbs. wheat bran, 42 lbs. cotton-seed meal, 280 lbs. ensilage and 70 lbs. hay; property of William Hart Dexter, Springfield, Mass.

- Sedate 11119
  - Wanderer 3014
    - Signal 1170
      - Marius 760.
      - Pansy Morris 2060.
    - Cosette 3874
      - Grand Duke Alexis 1040.
      - Daisy Grant 1445, imp.
  - Signalia 5303
    - Signal 1170
      - Marius 760.
      - Pansy Morris 2060.
    - Maiden of Jersey 2736, imp.

Exile's Bessie 49985.—Yield of milk, 198 lbs. 8 oz.; yield of butter, 18 lbs. 12½ oz.; test made from February 22 to 29, 1892; age, 4 years and 7 months; estimated weight, 950 lbs.; fed during test, 35 qts. corn meal, 28 qts. fine feed, 28 qts. bran, 21 qts. cotton-seed meal, 42 lbs. hay and 84 qts. roots; property of P. J. Cogswell, Rochester, N. Y.

- Exile's Bessie 49985.
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - St. John's Daisy 28388
    - St. John (P. S. 316 J. H. B.)
      - Carlo (P. S. 180 J. H. B.)
      - Unique (F. S. 1035 J. H. B.)
    - Letacq Bess.

Baroness Argyle 40498.—Yield of milk, 310 lbs.; yield of butter, 18 lbs. 12 oz.; test made from April 18 to 25, 1893; age, 4 years and 7 months; estimated weight, 950 lbs.; fed during test, 3 lbs. coarse wheat bran, 3 lbs. corn and rye meal, about 35 lbs. ensilage, with 10 lbs. clover rowen, daily; property of E. S. Henry, Rockville, Conn.

- Baroness Argyle 40498
  - Baron Hugo 15208
    - Baron of St. Lambert 5286
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Stolen Kisses 16864 (F. S. 3247 J. H. B.)
  - Dollie Argyle 26987
    - Lonius 7407
      - Berlin 4507.
      - Myrtle Wright 9399.
    - Belle of Argyle 18358
      - Regulator 4676.
      - Duchess of Argyle 4th 7571.

Gladdis Roy 2d 55652.—Yield of milk, 256 lbs.; yield of butter, 18 lbs. 12 oz.; test made from February 24 to March 2, 1892; age, 4 years and 10 months; estimated weight, 900 lbs.; fed during test, 9 lbs. corn meal, 6 lbs. bran, 2 lbs. cotton-seed meal, 6 lbs. cut hay and 40 lbs. ensilage daily—hay *ad lib.*; property of H. A. Huntington, Higganum, Conn.

- Gladdis Roy 2d 55652.
  - Gold Basis 5th 15725....
    - Gold Basis 4038.....
      - Gilderoy 2107.
      - Regina 2d 2475.
    - Bonnie Yost 7943.....
      - Rector 1458.
      - Bo-Peep 2850.
  - Gladdis Roy 18566.....
    - Catono 3761.....
      - On I. of J.
      - Ona 7840.
    - Cowles' Eirene 3926....
      - Ishmael Hurd 1548.
      - Puss 4397.

Hallie Signal 61726.—Yield of milk, 251 lbs.; yield of butter, 18 lbs. 12 oz.; test made from August 28 to September 4, 1892; age, 3 years and 6 months; estimated weight, 700 lbs.; fed during test, 10 lbs. corn meal, 5 lbs. oatmeal, 3 lbs. bran and 7 lbs. oil meal daily—blue grass pasture; property of John A. Middelton, Shelbyville, Ky.

- Hallie Signal 61726...
  - Signal Duke 12661.....
    - Croton Maid's Duke 6658.....
      - Sweepstakes Duke 1905.
      - Croton Maid 5305.
    - Fanny Taylor 6714.....
      - Signal 1170.
      - Bonanza 3965.
  - Hallie's Jewel 17113....
    - Knight of St. Louis 2680
      - On I. of J.
      - Lily of Les Niemes 7465, imp.
    - Hallie Carter 5329.....
      - Master 723.
      - Corona 1796.

Lalla Rookh of Sugar Grove 15882.—Yield of milk, 286 lbs. 4 oz.; yield of butter, 18 lbs. 9 oz.; test made from June 3 to 10, 1893; age, 11 years and 9 months; estimated weight, 850 lbs.; fed during test, 70 lbs. bran, 65 lbs. corn meal and 35 lbs. oil meal—meadow and woods pasture; property of Cornelius Easthope, Niles, Ohio.

- Lalla Rookh of Sugar Grove 15882.....
  - Marquis of Lossie 3512..
    - Litchfield 674.....
      - Hopewell 136, imp.
      - LaBelle Hélène 457, imp.
    - Victoria Guelph 3898...
      - Major Tunxes 1547.
      - Buck's Lophorn 3462.
  - Lalla Rookh of Woodlawn Home 12146.....
    - Victor (P.S. 148 J. H. B.)
      - Tom (P. S. 77 J. H. B.)
      - La Petite Jaune (F. S. 1065 J. H. B.)
    - Snow of Woodlawn Home 12145.....
      - Claimant (P.S. 84 J. H. B.)
      - On I. of J.

Myrtlise 64006.—Yield of milk, 165 lbs. 4 oz.; yield of butter, 18 lbs. 9 oz.; test made from November 18 to 25, 1893; age, 5 years and 2 months; estimated weight, 850 lbs.; fed during test, 15 qts. ground corn and oats, 12 qts. wheat bran and 3 qts. oil meal daily—timothy hay; property of Charles A. Sweet, Buffalo, N. Y.

- Myrtlise 64006.....
  - Denise's Tormentor 11823.....
    - Tormentor 3533.....
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Denise 8281.....
      - Top-Sawyer 1404.
      - Lucy 4577.
  - Grace Pansy 2d 18764...
    - Smoke Smith 4844.....
      - Brigand 1899.
      - Selika 1805.
    - Grace Pansy 12156.....
      - Champion of America 4th 4680.
      - Myrtle Wright 2d 12154.

Sudie St. Helier 40235.—Yield of milk, 211 lbs. 8 oz.; yield of butter, 18 lbs. 9 oz.; test made from February 20 to 27, 1893; age, 6 years and 11 months; actual weight, 794 lbs.; fed during test, 12 qts. chop and 6 qts. wheat bran daily, in three equal feeds—clover hay; property of Mrs. A. M. Hallock, Columbus, Ohio.

- Sudie St. Helier 40235.
  - Yakout 6842
    - Ori 4286
      - Oxoli 1922.
      - Chenie 4570.
    - Zithey 9184
      - Oxoli 1922.
      - Zanthe 4562.
  - Sudie Mac 24202
    - Coke Chief 5054
      - Wannalancet 3274.
      - Glenida 4436.
    - Lady Ella's Daughter 10822
      - Osiris 3792.
      - Lady Ella 3d 1868.

Cleora of Cornwall 63408.—Yield of milk, 261 lbs. 5 oz.; yield of butter, 18 lbs. 8 oz.; test made from June 4 to 11, 1893; age, 3 years and 5 months; estimated weight, 650 lbs.; fed during test, 4 qts. bran, 2 qts. ground oats, 2 qts. corn meal and 2 qts. cotton-seed meal—hay *ad lib.*; property of James Stillman, Cornwall-on-Hudson, N. Y.

- Cleora of Cornwall 63408
  - Rioter's Combination 10363
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Pride of Windsor 483, imp.
  - Rioter Carlotta 29667
    - Lord of Mountain Side 7111
      - Carlo 5559.
      - Coomassie 2d 11969.
    - Butterstamp Lass 19517.
      - Ramapo 4679.
      - Schonemunk Lass 9126.

Lena Stoke Pogis 39756.—Yield of milk, 259 lbs.; yield of butter, 18 lbs. 8 oz.; test made from July 17 to 24, 1891; age, 5 years; estimated weight, 850 lbs.; fed during test, 4 qts. corn meal, 1 pt. oil meal and 2 qts. bran, in two feeds, daily; property of E. L. Earl, Earl, N. Y.

- Lena Stoke Pogis 39756
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Nellie B. Parks 29264
    - Quechee Prince 2403
      - Hamilton 1074.
      - Kalama 3971.
    - Flora Parks 15436
      - Duke of Somerset 1886.
      - Princess of Somerset 6277.

Mysinda 2d 42250.—Yield of milk, 226 lbs. 4 oz.; yield of butter, 18 lbs. 8 oz.; test made from May 11 to 18, 1891; age, 4 years and 8 months; estimated weight, 850 lbs.; fed during test, 6 lbs. corn meal, 6 lbs. crushed oats, 3 lbs. oil meal, 3 lbs. pea meal and 3 lbs. bran daily—65 lbs. hay; property of Ayer & McKinney, Philadelphia, Pa.

- Mysinda 2d 42250
  - Ida's Stoke Pogis 13658
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Mysinda 27133
    - Signalda 4027
      - Signal 1170.
      - Alda 3873.
    - Mirtha 3437
      - Medway 717.
      - Mirth 92.

Nettie Signal 37837.—Yield of milk, 249 lbs.; yield of butter, 18 lbs. 8 oz.; test made from September 20 to 27, 1892; age, 6 years and 7 months; estimated weight, 800 lbs.; fed during test, 10 lbs. corn meal, 5 lbs. oatmeal, 7 lbs. oil meal and 3 lbs. bran daily—blue grass pasture; property of John A. Middelton, Shelbyville, Ky.

Nettie Signal 37837
- Signal Duke 12661
  - Croton Maid's Duke 6658
    - Sweepstakes Duke 1905.
    - Croton Maid 5305.
  - Fanny Taylor 6714
    - Signal 1170.
    - Bonanza 3965.
- Printonette 26121
  - Augerez' King (F. S. 380 J. H. B.)
  - Printonnière 26086, imp. (F. S. 4738 J. H. B.)

Southern Pet 26675.—Yield of milk, 238 lbs. 10 oz.; yield of butter, 18 lbs. 8 oz.; test made from September 4 to 11, 1888; age, 4 years and 8 months; estimated weight, 950 lbs.; fed during test, 84 qts. corn meal, 42 qts. cotton-seed meal, 42 qts. bran and shorts and 2 pks. chopped pumpkins—hay, fair pasture; property of James Crook, Jacksonville, Ala.

Southern Pet 26675
- Alpheus of Springvale 5645
  - Auchentoroly 3494
    - Cerdic 1204.
    - Agnes Sorel 2162.
  - Canobie 6964
    - Westchester 1266.
    - Clytemnestra 2455.
- Lady Alice of Hillcrest 7450
  - Jeweler 1385
    - Mogul 532, imp.
    - Jewel Beauty 2d 1701.
  - Mary Ann 2038
    - Roger 121.
    - Sauch 235.

Gipsy Pogis 35422.—Yield of milk, 199 lbs. 8 oz.; yield of butter, 18 lbs. 7 oz.; test made from June 16 to 23, 1888; age, 3 years; estimated weight, 875 lbs.; fed during test, 56 qts. bran and shorts, 42 qts. corn meal and 14 qts. cotton-seed meal—hay, good mixed pasture; property of James Crook, Jacksonville, Ala.

Gipsy Pogis 35422
- Prince of Melrose 2d 11015
  - Prince of Melrose 4819.
    - Stoke Pogis 3d 2238.
    - Princess of St. Lambert 5484.
  - Princess of St. Lambert 5484
    - Buffer 2055.
    - Juno of St. Lambert 5110.
- Miss Nellie Parker 24988
  - Parrot (P. S. 342 J.H.B.)
    - Bobby (P. S. 208 J.H.B.)
    - Royal Beauty (P. S. 390 J. H. B.)
  - Lass Nellie 24012
    - Bobby (P. S. 243 J.H.B.)
    - Isabella (F. S. 1670 J. H. B.)

Helen Barry 55840.—Yield of milk, 225 lbs. 15 oz.; yield of butter, 18 lbs. 7 oz.; test made from June 13 to 20, 1891; age, 3 years and 2 months; estimated weight, 700 lbs.; fed during test, 2 gals. corn meal, 2 gals. bran and 3 gals. ground oats daily, fed on green corn, cut short—short pasture; property of Matthews & Moore, Huntsville, Ala.

Helen Barry 55840
- Little Harry 8808
  - Lord Harry 3445
    - Top-Sawyer 1404.
    - Duchess of Bloomfield 3653.
  - Clara Mowbray 11020
    - Tormentor 3533 (F. S. 259 J. H. B.)
    - Callie Nan 7959.
- Charlotte Brooks 29580
  - Lemon Peel's Duke (P. S. 479 J. H. B.)
    - Lemon Peel (P. S. 320 J. H. B.)
    - Polly (P. S. 599 J. H. B.)
  - Charlotte Corday 29121
    - Nero 7266 (P. S. 248 J. H. B.)
    - On I. of J.

High Spirits of Lawn 61371.—Yield of milk, 237 lbs. 12 oz.; yield of butter, 18 lbs. 7 oz.; test made from May 5 to 12, 1893; age, 4 years and 2 months; estimated weight, 800 lbs.; fed during test, 10 lbs. bran, 8 lbs. corn meal, 10 lbs. ground oats and 2 lbs. cotton-seed meal daily—prairie grass; property of Platter & Foster, Denison, Tex.

- High Spirits of Lawn 61371
  - Lord Hugo 15830
    - Louis of St. Lambert 11013
      - Sheldon 5250.
      - Mavourneen of St. Lambert 9777.
    - Laura of St. Lambert 31116
      - Lord Lisgar 3d 14337.
      - Tidy of St. Lambert 2d 31115.
  - High Spirits 35390
    - Royalty 7210
      - Pedro 3187.
      - Royal Princess 2370.
    - Bessie Thornton 15818
      - Pierce's Dom Pedro 4373.
      - Daisy Thornton 14617.

St. Lambert's Nancy 56503.—Yield of milk, 200 lbs. 8 oz.; yield of butter, 18 lbs. 7 oz.; test made from August 8 to 15, 1890; age, 2 years and 7 months; estimated weight, 900 lbs.; fed during test, 15 lbs. peas and oats daily—clover and timothy pasture; property of William Rolph, Markham, Ont., Can.

- St. Lambert's Nancy 56503
  - Canada's John Bull 8388
    - Sir George of St. Lambert 6036
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483, imp.
    - Nymph of St. Lambert 12968
      - Stoke Pogis 3d 2238.
      - Diana of St. Lambert 6636.
  - Nancy of St. Lambert 12964
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Lucy of St. Lambert 5116
      - Victor Hugo 197, imp.
      - Lydie 495.

Harriet Neptune 52344.—Yield of milk, 315 lbs.; yield of butter, 18 lbs. 6½ oz.; test made from June 5 to 12, 1892; age, 5 years and 7 months; estimated weight, 900 lbs.; fed during test, 8 qts. oats, peas, barley, corn-hearts and bran, mixed in equal parts and fed in two feeds, daily, on 15 lbs. potatoes—pasture of mixed grasses; property of E. G. Youmans, Groton City, N. Y.

- Harriet Neptune 52344
  - Baron Neptune 10090
    - Paron (P.S. 372 J.H.B.)
      - Byron (P. S. 228 J. H. B.)
      - Dahlia (F.S. 1778 J.H.B.)
    - Dora Neptune 20318
      - Neptune (P. S. 230 J. H. B.)
      - Dora (P. S. 155 J. H. B.)
  - Silistria 20264, imp. (F. S. 4244 J. H. B.)

Princess Minette 24042.—Yield of milk, 282 lbs. 6 oz.; yield of butter, 18 lbs. 6½ oz.; test made from June 12 to 19, 1892; age, 9 years and 10 months; estimated weight, 1,000 lbs.; fed during test, 14 lbs. oats and peas, chopped, daily—pasture of mixed grasses; property of William Rolph, Markham, Ont., Can.

- Princess Minette 24042
  - Prince Boulivot 8757
    - Governor (P. S. 138 J. H. B.)
      - Welcome (F. S. 202 J. H. B.)
      - Queen of the Valley 2d (F. S. 1511 J. H. B.)
    - On I. of J.
  - Minette of St. Lambert 9774
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - May Day of St. Lambert 5109
      - Lord Lisgar 1066.
      - Ierne 1373.

Ida Eva Pogis 39271.—Yield of milk, 245 lbs. 8 oz.; yield of butter, 18 lbs. 6 oz.; test made from July 28 to August 4, 1891; age, 4 years; actual weight, 1,025 lbs.; fed during test, 6 qts. ground oats, 3 qts. corn meal and 2 qts. oil meal daily—good clover pasture; property of Miller & Sibley, Franklin, Pa.

- Ida Eva Pogis 39271..
  - Ida's Rioter of St. L. 13656.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Eva of Snipsic 17650....
    - Duke of Mansfield's Pierrot 6261.....
      - Duke of Mansfield 2277.
      - Betty Bowen 9494.
    - Eliza A. Perkins 14604..
      - Burnside 2d 2838.
      - Box 2d 4297.

Litta Pogis 30275.—Yield of milk, 236 lbs. 8 oz.; yield of butter, 18 lbs. 6 oz.; test made from June 30 to July 7, 1888; age, 3 years and 7 months; estimated weight, 900 lbs.; fed during test, 84 qts. ground oats, 28 qts. cotton-seed meal and 14 qts. corn meal—hay, mixed pasture; property of James Crook, Jacksonville, Ala.

- Litta Pogis 30275.....
  - Prince of Melrose 2d 11015.....
    - Prince of Melrose 4819..
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484.....
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Litta Oaks 2d 20020.....
    - Silver (P.S. 287 J.H.B.).
      - Bobby (P. S. 308 J.H.B.)
      - Daisy (F. S. 1496 J.H.B.)
    - Litta Oaks 19734, imp. (F. S. 2975 J. H. B.)

Melia Ann 2d 47464.—Yield of milk, 243 lbs. 4 oz.; yield of butter, 18 lbs. 6 oz.; test made from July 5 to 12, 1893; age, 6 years and 11 months; estimated weight, 900 lbs.; fed during test, 42 qts. ship feed, 28 qts. corn meal and 21 qts. ground oats—good lowland pasture; property of H. G. Westlake, Hillsdale, N. Y.

- Melia Ann 2d 47464...
  - Lord Darlington 7285...
    - Duke of Darlington 2460.....
      - Sarpedon 930.
      - Eurotas 2454.
    - Marjoram 3239, imp.
  - Melia Ann 5444.....
    - Lord Aylmer 1067.....
      - Lord Lisgar 1066.
      - Pauline 494.
    - Amelia 2d 1730.....
      - Victor Hugo 197, imp.
      - Amelia 484, imp.

Express 69574.—Yield of milk, 270 lbs. 12 oz.; yield of butter, 18 lbs. 5 oz.; test made from June 7 to 14, 1893; age, 4 years; estimated weight, 900 lbs.; fed during test, 8 qts. corn meal and 8 qts. ground oats daily, in two feeds—mixed pasture; property of George Fox, Torresdale, Pa.

- Express 69574.....
  - Gold Ridge 18951.....
    - Sir Raymond 8923.....
      - Hard Trials 5050.
      - Gold Lace 10726.
    - Queen Mary of Woodlawn 11659 .....
      - Gilderoy 2107.
      - Gold Proof 10860.
  - Eutoga 58027.....
    - Ramapo Chieftain 15324 .....
      - Ramapo 4679.
      - Favorite of Franklin 25407.
    - Phœbe Richmond 35494.
      - Master Richmond 7429.
      - Phœbe N. 25401.

Maggie of Springvale 15931.—Yield of milk, 223 lbs. 2 oz.; yield of butter, 18 lbs. 5 oz.; test made from May 13 to 20, 1887; age, 5 years and 2 months; estimated weight, 850 lbs.; fed during test, 70 qts. corn meal, 42 qts. bran, 42 qts. cotton-seed meal and 210 lbs. ensilage—plenty of hay and good clover pasture; property of James Crook, Jacksonville, Ala.

- Maggie of Springvale 15931
  - Duke of Springvale 4290
    - Date 2624
      - Dash of Glastonbury 1959.
      - Dilly 2527.
    - Maid of Amboy 2929
      - Standard 553, imp.
      - Sukey 2d 1224.
  - Jessie Lee of Laby-rinth 5290
    - Tycoon Jr. 1212
      - Tycoon 917.
      - Connie 1750.
    - Beulah of Baltimore 3270
      - Sir Davy 84.
      - Nellie 1507.

Seraph 72217.—Yield of milk, 298 lbs.; yield of butter, 18 lbs. 5 oz.; test made from December 10 to 17, 1893; age, 4 years and 2 months; estimated weight, 850 lbs.; fed during test, 14 gals. cotton-seed, 14 gals. chop, 7 gals. bran and 3½ gals. steamed oats—pastured on sorghum stubble; property of S. T. Howard, Quanah, Tex.

- Seraph 72217
  - Diploma 16219
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Frankie's Lass 24900
      - Cobden 1871.
      - Frankie 5th 3542.
  - Clara's Belle 16582
    - Dexter of Jefferson 5681
      - Vermont 893.
      - Clara 4th 1541.
    - Clara of Jefferson 12311
      - Enos 1570.
      - Clara 4th 1541.

Shanenalawn 56892.—Yield of milk, 260 lbs. 1 oz.; yield of butter, 18 lbs. 5 oz.; test made from June 23 to 30, 1893; age, 6 years and 1 month; actual weight, 910 lbs.; fed during test, 5 qts. corn meal, 6 qts. oatmeal, 6 qts. bran and 1 qt. cotton-seed meal daily—clover and timothy pasture; property of Mrs. E. F. Hawley, Pittsford, N. Y.

- Shanenalawn 56892
  - Albert W. 6355
    - Plymouth Chief 4152
      - Plymouth Rock 2468.
      - Polly Clover 7052.
    - Queen Ellen 13697
      - Rio Bravo 3133.
      - Bloomfield Lady 6912.
  - Very Pretty 29184
    - Lemon Peel's Duke (P. S. 479 J. H. B.)
      - Lemon Peel (P. S. 320 J. H. B.)
      - Polly (P. S. 599 J. H. B.)
    - Rather Pretty (F. S. 5933 J. H. B.)

Lady Grace of Upholme 39569.—Yield of milk, 163 lbs. 1½ oz.; yield of butter, 18 lbs. 4 oz.; test made from June 20 to 27, 1893; age, 7 years; estimated weight, 900 lbs.; fed during test, 4 qts. corn and oats (ground and mixed in equal parts), 2 qts. wheat bran and 1 qt. oil meal at each feed, three times daily—little hay, good clover pasture; property of Charles A. Sweet, East Aurora, N. Y.

- Lady Grace of Upholme 39569
  - Brie 6591
    - Oxoli 1922
      - St. Helier 45, imp.
      - Pyrola 4566.
    - Safrano 4568
      - St. Helier 45, imp.
      - Kalmia 4561.
  - Weetamoe 5428
    - Heliero 478
      - St. Helier 45, imp.
      - Fanchette 66.
    - Decca 2d 2461
      - Metacomet 215.
      - Decca 865.

Même 34921.—Yield of milk, 207 lbs.; yield of butter, 18 lbs. 4 oz.; test made from April 2 to 9, 1893; age, 8 years and 3 months; actual weight, 930 lbs.; fed during test, 14 qts. chop and 6 qts. wheat bran per day, divided into three feeds—clover hay, short pasture; property of Mrs. A. M. Hallock, Columbus, Ohio.

- Même 34921
  - Oonan's Rajah 8905
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Oonan 1485
      - Rajah 340, imp.
      - Omoo 1247, imp.
  - Littalla 19314
    - Valley Jump 6689
      - Doctor Jump 3202.
      - Gem of Sassafras 8434.
    - Emma Mc. 2d 5033
      - Norman 2204.
      - Emma Mc. 4649.

Dolly Bond 82662.—Yield of milk, 244 lbs. 8 oz.; yield of butter, 18 lbs. 3 oz.; test made from October 26 to November 2, 1892; age, 4 years and 2 months; actual weight, 825 lbs.; fed during test, 42 qts. corn meal, 42 qts. shorts and 28 qts. ground oats—short pasture; property of C. H. Ellsworth, Worcester, Mass.

- Dolly Bond 82662
  - Sumach 5249
    - Lorne 5248
      - Lord Lisgar 1066.
      - Favorite of St. Lambert 5118.
    - Pet of St. Lambert 5123
      - Lord Lisgar 1066.
      - Lucy of St. Lambert 5116.
  - Olive E. 16032
    - Southville Boy 4271
      - Major Domo 2161.
      - Drina W. 6900.
    - Abbie Z. 4th 14743
      - Southville 6769.
      - Abbie Z. 14002.

Jim's Pride 31376.—Yield of milk, 178 lbs. 8 oz.; yield of butter, 18 lbs. 3 oz.; test made from April 9 to 16, 1888; age, 4 years and 11 months; estimated weight, 700 lbs.; fed during test, 14 gals. corn bran, 28 qts. cotton-seed meal and 28 qts. corn meal—pasture on growing oats; property of A. J. Hawes & Son, Montgomery, Ala.

- Jim's Pride 31376
  - Jim (P. S. 346 J. H. B.)
    - Farmer's Glory (F. S. 274 J. H. B.)
    - Russy (F. S. 2101 J. H. B.)
  - Little Belle.

Kate Crecraft 2d 75461.—Yield of milk, 225 lbs. 10 oz.; yield of butter, 18 lbs. 3 oz.; test made from November 25 to December 2, 1893; age, 3 years and 10 months; estimated weight, 750 lbs.; fed during test, 48 qts. ground corn and oats, 112 qts. bran and about 50 lbs. hay—good blue grass pasture; property of L. F. Hulick, Batavia, Ohio.

- Kate Crecraft 2d 75461
  - Lord Montague 12385
    - Pedro 3187
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Cretesia 13657
      - Lord Dartmouth 6302.
      - Daisy Darling 6386.
  - Kate Crecraft 40783
    - Champion's Loyal 12673
      - Champion's Son 3286.
      - Mary of Bear Lake 6171.
    - Imperial's Omega 13241
      - Imperial 505.
      - Dot of Bear Lake 6170.

Khelula of Briarcliff 46799.—Yield of milk, 241 lbs. 6 oz.; yield of butter, 18 lbs. 2½ oz.; test made from January 4 to 11, 1893; age, 5 years and 1 month; estimated weight, 900 lbs.; fed during test, 84 qts. of a mixture of equal parts of ground oats, corn meal, bran and cotton-seed meal—hay; property of James Stillman, Cornwall-on-Hudson, N. Y.

- Khelula of Briarcliff 46799
  - Young Garenne's Duke 6863
    - Cicero 7657
      - Happy (P. S. 211 J. H. B.)
      - Fleur de l'Air 12702, imp.
    - Young Garenne 13641
      - Koffee (F. S. 233 J. H. B.)
      - Garenne (F. S. 1575 J. H. B.)
  - Khelula 17970
    - King (P. S. 238 J. H. B.)
      - Young Prince (P. S. 182 J. H. B.)
      - Judy (F. S. 1590 J. H. B.)
    - Sophie (F. S. 434 J. H. B.)

Jewel of Argyle 68752.—Yield of milk, 295 lbs. 8 oz.; yield of butter, 18 lbs. 2 oz.; test made from May 20 to 27, 1893; age, 3 years and 3 months; estimated weight, 800 lbs.; fed during test, 3 lbs. Chicago cream gluten, 3 lbs. corn meal, 3 lbs. coarse wheat bran, mixed with 10 lbs. corn ensilage, in two feeds daily—common pasture; property of E. S. Henry, Rockville, Conn.

- Jewel of Argyle 68752
  - Baron Hugo 15208
    - Baron of St. Lambert 5286
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Stolen Kisses 16864, imp. (F. S. 3247 J. H. B.)
  - Dassa Argyle 21180
    - Campbell's Rex 6812
      - John Rex 2761.
      - Dahlia 401.
    - Duchess of Argyle 3d 7569
      - Duke of Argyle 1517.
      - Duchess of Argyle 3758.

May of Edgewood 74825.—Yield of milk, 223 lbs. 2 oz.; yield of butter, 18 lbs. 2 oz.; test made from June 7 to 14, 1893; age, 3 years and 1 month; actual weight, 705 lbs.; fed during test, 50 lbs. corn meal and 25 lbs. bran—pasture of mixed grasses; property of Columbus Dixon, Gillespieville, Ohio.

- May of Edgewood 74825
  - King Coomassie, 2d 19545
    - King Coomassie 9148
      - Gold Coast 5521.
      - Coomassie 11874.
    - Koffee's Grisette 30433
      - King Koffee 5522.
      - Bonnie Grisette 2d 19526
  - Pridalia 17249
    - Minx 3410
      - Ginx 1536.
      - Fanny Micawber 1804.
    - Pride of the Hill 4877
      - Nutshell 729.
      - Guinevere 1484.

Ribbon of St. Lambert 39450.—Yield of milk, 206 lbs.; yield of butter, 18 lbs. 2 oz.; test made from October 17 to 24, 1893; age, 8 years and 6 months; actual weight, 960 lbs.; fed during test, 84 qts. ground oats, 56 qts. corn meal and 28 qts. ground oil cake—meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Ribbon of St. Lambert 39450
  - Ida's Rioter of St. L. 13656
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Ribbon's Fawn 26907
    - Adam Orris 7355
      - Cussewago 6636.
      - Ribbon 3149.
    - Ribbon 2d 14915
      - Vermont 893.
      - Ribbon 3149.

Silver Steletho 40765.—Yield of milk, 241 lbs. 8 oz.; yield of butter, 18 lbs. ½ oz.; test made from June 6 to 13, 1891; age, 6 years and 5 months; estimated weight, 1,000 lbs.; fed during test, 5 lbs. bran and 5 lbs. cotton-seed meal daily—short pasture of timothy, clover and blue grass; property of Bordwell & Cochran, Batavia, Ohio.

- Silver Steletho 40765
  - Steletho 10505
    - Dudley 3999
      - Butter-Stamp 700.
      - Lady Palestine 2769.
    - Dot of Bear Lake 6170
      - Prince of Warren 1512.
      - Monmouth Duchess 2d 4619.
  - Silverhair of C. 19668
    - Gold Rope 6139
      - Dudley 3999.
      - Warren's Duchess 4622.
    - Mary's Silver Drop 14235
      - Dudley 3999.
      - Mary of Bear Lake 6171.

Clotaire's Daisy 45392.—Yield of milk, 231 lbs. 15 oz.; yield of butter, 18 lbs.; test made from May 28 to June 4, 1891; age, 5 years and 2 months; estimated weight, 950 lbs.; fed during test, 16 qts. daily of a mixture of one part bran, 2 parts ground corn and 3 parts ground oats, in two feeds—bran slop daily; property of L. L. Tozier, Batavia, N. Y.

- Clotaire's Daisy 45392
  - Clotaire 9884
    - Royal Oak 6219 (P. S. 286 J. H. B.)
      - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Flossy (F. S. 1655 J. H. B.)
    - Floribundus 2d 14949
      - Victor (P. S. 148 J. H. B.)
      - Floribundus (F. S. 659 J. H. B.)
  - Alphea Rajah 20605
    - Topris 4135
      - One Ton 2000.
      - Calypris 5943.
    - Martha M. 10867
      - Orawapum 2833.
      - Evergreen 6307.

Vigo Princess 60806.—Yield of milk, 350 lbs.; yield of butter, 18 lbs.; test made from May 21 to 28, 1893; age, 4 years and 1 month; estimated weight, 900 lbs.; fed during test, 420 lbs. mash and 35 lbs. crushed feed—poor blue grass pasture; property of Jacob Warner, Chillicothe, Ohio.

- Vigo Princess 60806
  - Vigo King 19238
    - King Signal 12491
      - Signalda 2d 6748.
      - Signalia 5303.
    - Pandothra 22383
      - Jethro 5218.
      - Pandora of Staatsburgh 3d 6497.
  - Lady Bobita 2d 43571
    - Signaldini 8556
      - Cloverine 3510.
      - Signalana 7719.
    - Lady Bobita 32201
      - Heir of Signal 8080.
      - Orienta 19875.

Helpmeet 62459.—Yield of milk, 202 lbs. 4 oz.; yield of butter, 17 lbs. 15½ oz.; test made from May 30 to June 6, 1892; age, 3 years and 9 months; actual weight, 900 lbs.; fed during test, 24 qts. grain daily—second season clover and timothy pasture; property of Miller & Sibley, Franklin, Pa.

- Helpmeet 62459
  - Ida's Rioter of St. L. 13656
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122
  - Sweet Blossom Pogis 36995
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Blossom of Prospect 18627
      - St. Matthew 4782.
      - Blossom of Maysville 15547.

Celia of Whitehall 68004.—Yield of milk, 196 lbs. 15 oz.; yield of butter, 17 lbs. 15 oz.; test made from March 31 to April 7, 1893; age, 4 years; estimated weight, 900 lbs.; fed during test, 15 qts. daily of a mixture of equal parts of corn meal, ground oats, wheat bran and wheat middlings, with a pint of oil meal, also 15 lbs. ensilage and hay; property of Walter W. Law, Whitson, N. Y.

- Celia of Whitehall 68004
  - King Peto 10541
    - Pedro 3187
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Alice W. of Milton 12852
      - King of Scituate 3622.
      - Lady Wellington of Milton 12234.
  - Lorena of Briarcliff 42817
    - Domino of Darlington 2459
      - Sarpedon 930.
      - Beauty of Darlington 5736.
    - Jersey Lily 14044
      - Grey King (P. S. 169 J. H. B.)
      - On I. of J.

Coming Girl 3d 71794.—Yield of milk, 227 lbs. 10 oz.; yield of butter, 17 lbs. 14 oz.; test made from June 16 to 23, 1893; age, 3 years and 8 months; estimated weight, 950 lbs.; fed during test, 6 lbs. bran, 5 lbs. corn meal and 6 lbs. ground oats twice daily, with ½ bushel cut sorghum—prairie grass pasture; property of Platter & Foster, Denison, Tex.

- Coming Girl 3d 71794
  - St. Lambert's Hugo 17457
    - Brier's Pogis 14163
      - Diana's Rioter 10481.
      - Sweet Brier of St. Lambert 5481.
    - Queenie Hugo 27748
      - Lorne 5248.
      - Pearl of St. Lambert 5527
  - Coming Girl 12772
    - Elkornah 4401
      - Statesman 2407.
      - Dolly Hughes 2486.
    - Flossie of Mount Waite 6836
      - Tasso of Mount Waite 2334.
      - Silky 2488.

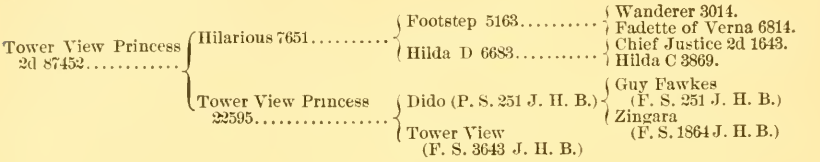
Gladdis Roy 18566.—Yield of milk, 265 lbs. 8 oz.; yield of butter, 17 lbs. 13½ oz.; test made from February 29 to March 7, 1892; age, 9 years and 8 months; estimated weight, 1,000 lbs.; fed during test, 12 lbs. corn meal, 8 lbs. bran, 2 lbs. cotton-seed meal, 40 lbs. ensilage and 6 lbs. cut hay daily—dry hay *ad lib.;* property of H. A. Huntington, Higganum, Conn.

- Gladdis Roy 18566
  - Catono 3761
    - On I. of J.
    - Ona 7840
      - Khedive (P.S.103 J.H.B.)
      - Écornée (F.S.846 J.H.B.)
  - Cowles' Eirene 3926
    - Ishmael Hurd 1548
      - Major Tunxes 1547.
      - Buck's Kate 3463.
    - Puss 4397
      - Major Tunxes 1547.
      - Dickinson's Belle 4395.

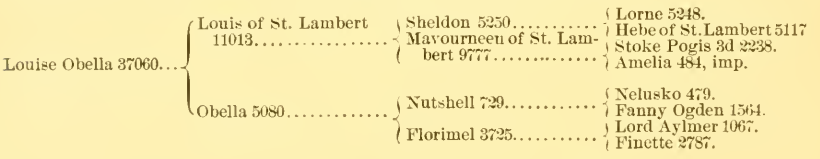
Young Floribundus 28172.—Yield of milk, 200 lbs. 14 oz.; yield of butter, 17 lbs. 12¾ oz.; test made from December 24 to 31, 1890; age, 6 years and 7 months; estimated weight, 1,050 lbs.; fed during test, 16 qts. daily of a mixture of one part bran, two parts ground corn and 3 parts ground oats—bran mash daily, good hay *ad lib.;* property of L. L. Tozier, Batavia, N. Y.

- Young Floribundus 28172
  - Theron 5722
    - Rubicon 1202
      - Rubric 423.
      - Butter Flirt 572.
    - Lady Sarah 4931
      - Pride of Guilford 2138.
      - Lita 4930.
  - Floribundus 2d 14949
    - Victor (P. S. 148 J. H. B.)
      - Tom (P. S. 77 J. H. B.)
      - La Petite Jaune (F. S. 1065 J. H. B.)
    - Floribundus (F. S. 659 J. H. B.)

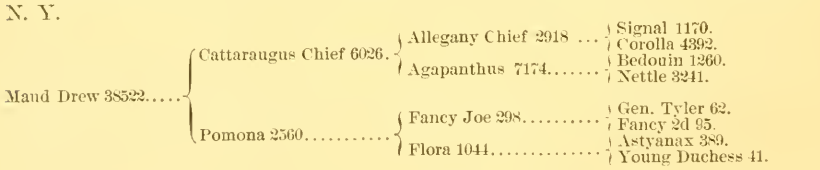
Tower View Princess 2d 87452.—Yield of milk, 195 lbs. 9 oz.; yield of butter, 17 lbs. 12½ oz.; test made from June 3 to 10, 1893; age, 4 years and 4 months; estimated weight, 700 lbs.; fed during test, 84 qts. corn and oats (ground, half and half), 28 qts. wheat bran, 7 qts. cotton-seed meal, fed twice daily on cut clover hay, dampened—short mixed grass pasture; property of W. R. Rison, Huntsville, Ala.



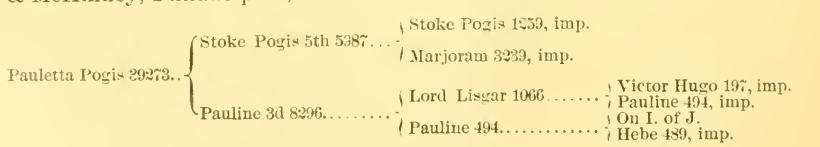
Louise Obella 37060.—Yield of milk, 265 lbs. 14 oz.; yield of butter, 17 lbs. 12 oz.; test made from March 1 to 8, 1891; age, 4 years and 11 months; estimated weight, 875 lbs.; fed during test, 18 lbs. oil meal, 18 lbs. pea meal, 53 lbs. corn meal, 53 lbs. crushed oats, 40 lbs. hay, 112 lbs. ensilage and ¾ bushel roots; property of Ayer & McKinney, Philadelphia, Pa.



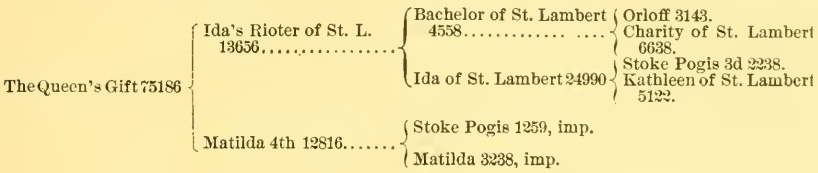
Maud Drew 38522.—Yield of milk, 242 lbs. 4 oz.; yield of butter, 17 lbs. 12 oz.; test made from December 4 to 11, 1891; age, 6 years and 8 months; estimated weight, 1,000 lbs.; fed during test, 28 qts. corn meal, 14 qts. old process oil meal, 14 qts. ground oats, 250 lbs. ensilage (estimated), 70 lbs. hay (estimated) and 3½ bushels roots; property of Giltedge Farm Co., Syracuse, N. Y.



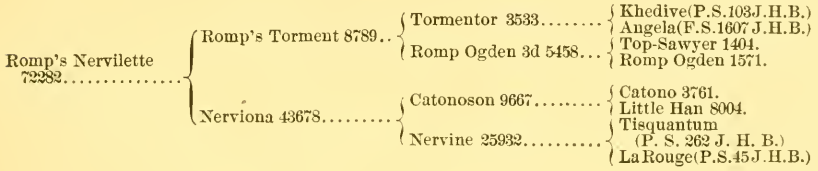
Pauletta Pogis 39273.—Yield of milk, 218 lbs. 10 oz.; yield of butter, 17 lbs. 12 oz.; test made from July 12 to 19, 1891; age, 5 years; estimated weight, 1,100 lbs.; fed during test, 3 lbs. corn meal, 3 lbs. oil meal, 3 lbs. pea meal, 9 lbs. oatmeal and 4 lbs. bran daily—good pasture; property of Ayer & McKinney, Philadelphia, Pa.



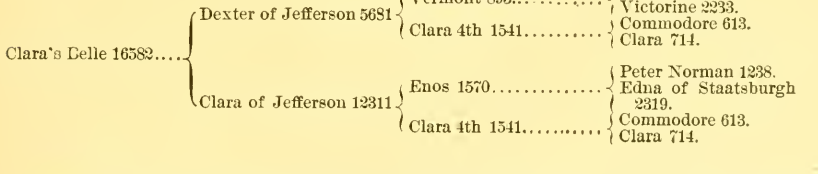
The Queen's Gift 75186.—Yield of milk, 152 lbs. 9 oz.; yield of butter, 17 lbs. 11 oz.; test made from September 28 to October 5, 1893; age, 3 years; estimated weight, 850 lbs.; fed during test, 12 qts. corn and oats, 15 qts. bran and 3 qts. oil meal daily, in three feeds—green corn and clover hay; property of Charles A. Sweet, Buffalo, N. Y.



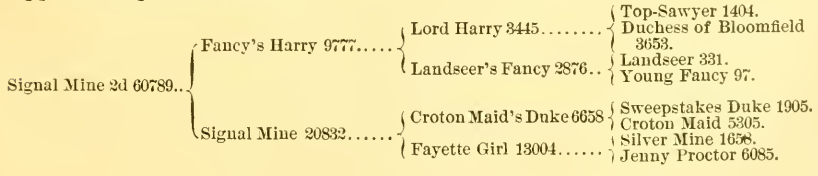
Romp's Nervilette 72282.—Yield of milk, 242 lbs. 14 oz.; yield of butter, 17 lbs. 10 oz.; test made from June 18 to 25, 1893; age, 3 years and 5 months; estimated weight, 700 lbs.; fed during test, 56 qts. bran, 28 qts. corn meal and 14 qts. oil meal—blue grass pasture; property of Henry DuBois, Vigo, Ohio.



Clara's Belle 16582.—Yield of milk, 219 lbs. 2 oz.; yield of butter, 17 lbs. 9½ oz.; test made from October 1 to 8, 1889; age, 9 years and 6 months; estimated weight, 850 lbs.; fed during test, 12 qts. corn and oat meal daily, in three feeds—good pasture, hay; property of Richardson Bros., Davenport, Iowa.



Signal Mine 2d 60789.—Yield of milk, 267 lbs. 15 oz.; yield of butter, 17 lbs. 9½ oz.; test made from May 20 to 27, 1893; age, 3 years and 11 months; estimated weight, 700 lbs.; fed during test, 5 qts. corn meal, 6 qts. ground oats, 7 qts. middlings and 1 pt. oil meal daily—no pasture; property of D. F. Appleton, Ispwich, Mass.



Alberta Hugo 35424.—Yield of milk, 228 lbs.; yield of butter, 17 lbs. 9 oz.; test made from April 21 to 28, 1891; age, 5 years and 8 months; estimated weight, 900 lbs.; fed during test, 70 qts. corn meal, 14 qts. bran, 14 qts. cotton-seed meal and 30 lbs. rich corn ensilage—hay, poor pasture; property of James Crook, Jacksonville, Ala.

- Alberta Hugo 35424...
  - Prince of Melrose 2d 11015.....
    - Prince of Melrose 4819..
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484.....
      - Buffer 2055.
      - Juno of St. Lambert 5110
  - Cream of Springvale 16631 .....
    - Othello of Elmarch 3780
      - Don Pierrot 2876.
      - Muezzin 3670.
    - Lady Pinckard of Springvale 11227.....
      - Sir John of Glastonbury 2620.
      - Laurena of Meadow Brook 4123.

Cinxia St. Helier 46730.—Yield of milk, 238 lbs.; yield of butter, 17 lbs. 9 oz., unsalted; test made from June 15 to 22, 1889; age, 5 years and 3 months; estimated weight, 800 lbs.; fed during test, cut grass, with 1 qt. oil meal daily—lowland pasture; property of Winslow S. Lincoln, Worcester, Mass.

- Cinxia St. Helier 46730
  - O'Malley 6441.....
    - St. Helier 45, imp.
    - Moss Ross of Willow Farm 5194.....
      - Young Concord 1406.
      - Molly 3554.
  - Cinderella St. Helier 27241.....
    - St. Helier 45, imp.
    - Cecile of Willow Farm 5192.....
      - Duke 1149.
      - Mariposa 3558.

Hugo's Golden Sheen 61804.—Yield of milk, 241 lbs. 7 oz.; yield of butter, 17 lbs. 9 oz.; test made from May 31 to June 7, 1892; age, 3 years and 6 months; estimated weight, 800 lbs.; fed during test, 42 qts. corn meal, 42 qts. bran and shorts, 14 qts. cotton-seed meal and 100 lbs. rich corn ensilage—hay *ad lib.*, good mixed pasture; property of James Crook, Jacksonville, Ala.

- Hugo's Golden Sheen 61804.....
  - St. Lambert's John Bull 16618. .....
    - Canada's John Bull 8388
      - Sir George of St Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Mavourneen of St. Lambert 9777 .....
      - Stoke Pogis 3d 2238.
      - Amelia 484, imp.
  - Susie Pogis 35425.....
    - Prince of Melrose 2d 11015.....
      - Prince of Melrose 4819.
      - Princess of St. Lambert 5484.
    - Susie B. of Springvale 24986.....
      - Jersey King 9458.
      - Atlanta 2d 24011.

Cordelia Signal 3d 57808.—Yield of milk, 194 lbs. 8 oz.; yield of butter, 17 lbs. 8 oz.; test made from October 23 to 30, 1893; age, 6 years and 4 months; estimated weight, 900 lbs.; fed daily during test, 3½ lbs. wheat, 3½ lbs. wheat bran, 6½ lbs. oats and 6½ lbs. corn—excellent blue grass pasture; property of F. M. & O. P. Jones, Anderson, Ind.

- Cordelia Signal 3d 57808.....
  - Signal Lad 12199.....
    - Signal Jr. 7166.....
      - Signal 1170.
      - Alda 3873.
    - Rhoda 2d 16097.....
      - Grand Duke Alexis 1040
      - Rhoda 1102.
  - Cordelia Signal 33452....
    - Wanderer 3014.....
      - Signal 1170.
      - Cosette 3874.
    - Second Cousin 12689...
      - Beechwood Lawrence 5938.
      - First Cousin 12683.

Point Lace 62471.—Yield of milk, 232 lbs. 4 oz.; yield of butter, 17 lbs. 8 oz.; test made from April 22 to 29, 1892; age, 3 years and 4 months; actual weight, 920 lbs.; fed during test, 12 qts. ground oats, 12 qts. corn meal and 4 qts. ground oil-cake daily—clover hay, 70 lbs. roots, second crop clover and timothy pasture; property of Miller & Sibley, Franklin, Pa.

- Point Lace 62471
  - Matilda 4th's Son 20214
    - Ida's Rioter of St. L. 13656
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Matilda 4th 12816
      - Stoke Pogis 1259, imp.
      - Matilda 3238, imp.
  - Mary M. Pogis 32455
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Mary M. Allison 6308
      - Earl of Willow Glen 2043.
      - Traviata 3253.

Tuäa St. Lambert 59992.—Yield of milk, 187 lbs. 15½ oz.; yield of butter, 17 lbs. 7½ oz.; test made from July 25 to August 1, 1893; age, 3 years and 11 months; estimated weight, 850 lbs.; fed during test, 15 qts. ground corn and oats (equal parts), 12 qts. wheat bran and 3 qts. oil meal daily, in three feeds—green oats and peas; property of Charles A. Sweet, East Aurora, N. Y.

- Tuäa St. Lambert 59992
  - Menephtah 18943
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Frau Cloud 31688
      - Thunder Cloud 6979.
      - Frau Materna 18758.
  - Tuäa Perrot 46857
    - Thotmes 17157
      - Minnie's Duke of Darlington 6934.
      - Boulivot 24429.
    - Sylvia Perrot 30963
      - Perrot (P. S. 342 J. H. B.)
      - Chestnut Farm Sylvia 25022(F.S. 5250 J.H.B.)

Allie's Emblem 45620.—Yield of milk, 209 lbs.; yield of butter, 17 lbs. 7 oz.; test made from May 3 to 10, 1891; age, 4 years; estimated weight, 700 lbs.; fed during test, 12 lbs. of a mixture of corn meal and ship stuff daily—short pasture; property of George M. Jewett, Glenville, Md.

- Allie's Emblem 45620
  - King Allie 14290
    - King of Ashantee 6677
      - Fairfield 4733.
      - Coomassie 11874.
    - Allie Minka 2d 18989
      - Tormentor 3533 (F. S. 259 J. H. B.)
      - Allie Minka 2982.
  - Signal Emblem 39473
    - Chief of the Miamis 2958
      - Signal 1170.
      - Annie Lachaise 3961.
    - Embla Brick 15690
      - Roy Brick 5637.
      - Embla 4799.

Jean Ingelow 42515.—Yield of milk, 221 lbs. 14 oz.; yield of butter, 17 lbs. 7 oz.; test made from June 11 to 18, 1893; age, 6 years and 5 months; estimated weight, 950 lbs.; fed during test, 10 lbs. dry and 16 lbs. wet brewer's grains (barley waste) and 8 lbs. corn chop daily, in two feeds—good blue and meadow grass pasture; property of George E. McGill, Leavenworth, Kan.

- Jean Ingelow 42515...
  - Chief of the Miamis 2958
    - Signal 1170....
      - Marius 760.
      - Pansy Morris 2060.
    - Annie Lachaise 3961....
      - Columbus 83.
      - Victorine Lachaise 2740, imp.
  - Dice 18182, imp. (F. S. 2610 J. H. B.)

Caressa 88474.—Yield of milk, 229 lbs. 1 oz.; yield of butter, 17 lbs. 6 oz.; test made from December 1 to 8, 1892; age, 4 years and 1 month; estimated weight, 800 lbs.; fed during test, 15 lbs. corn meal, ground oats and bran daily—clover hay *ad lib.*; property of Richardson Bros., Davenport, Iowa.

- Caressa 88474.....
  - Upright 6147.....
    - Boton 4328.....
      - One Ton 2000.
      - Boma 4834.
    - Symbol 6136.....
      - Lord Lawrence 1414.
      - Empresa 2790.
  - Mercurina 64930.....
    - Combination 4389.....
      - Polonius 2513.
      - Lady Mel 429.
    - Modita 16626.....
      - Tony Calypso 3354.
      - Laura Lee 8550.

Commotion 52960.—Yield of milk, 227 lbs. 11 oz.; yield of butter, 17 lbs. 6 oz.; test made from May 15 to 22, 1890; age, 7 years; estimated weight, 850 lbs.; fed during test, 18 qts. ground oats, corn and peas daily—plenty of hay; property of Richardson Bros., Davenport, Iowa.

- Commotion 52960....
  - Combination 4389.....
    - Polonius 2513.....
      - Sarpedon 930.
      - Leda 799.
    - Lady Mel 429.....
      - McClellan 4th 85.
      - Mel 2d 57.
  - Coma 29330.....
    - Combination 4389.....
      - Polonius 2513.
      - Lady Mel 429.
    - Metella 3905.....
      - Mogul 532.
      - Clio 2d 1248.

Ida Bellman 48273.—Yield of milk, 211 lbs. 8 oz.; yield of butter, 17 lbs. 5½ oz.; test made from May 7 to 14, 1891; age, 4 years; estimated weight, 1,000 lbs.; fed during test, 10 lbs. corn and oats chop, 4 lbs. wheat bran, 7 lbs. corn meal, 2 lbs. oil meal, ½ bushel beets daily—ensilage and hay; property of Mrs. Lucy J. Beebe, Cassadaga, N. Y.

- Ida Bellman 48273....
  - Bellman's Boy 14003....
    - Bellman 6968. .....
      - Pedro 3187.
      - Marilla 2d 7374.
    - Grinnell Lass 11859.....
      - The Marquis 3805.
      - Belle Grinnell 2d 9009.
  - Derwood's Christine 41044.....
    - Derwood 8357.....
      - Pride of the Island 5416.
      - Dellia Regina 9474.
    - Christine 3006.....
      - Grand Duke Alexis 1040
      - Rosa Gamp 2732.

Pearl of Riverside 55659.—Yield of milk, 248 lbs.; yield of butter, 17 lbs. 5½ oz.; test made from May 31 to June 7, 1892; age, 3 years and 4 months; estimated weight, 800 lbs.; fed during test, 6 qts. meal and 6 qts. No. 2 wheat feed daily—plain and poor pasture; property of H. A. Huntington, Higganum, Conn.

- Pearl of Riverside 55659
  - Catono Koffee 18716
    - Pedro of the Valley 8750
      - Catono 3761.
      - Rosabel Hudson 5704.
    - Euclona 2d 43562
      - Ona's Koffee 9745.
      - Euclona 24210.
  - Gladdis Roy 2d 55652
    - Gold Basis 5th 15725
      - Gold Basis 4028.
      - Bonnie Yost 7943.
    - Gladdis Roy 18566
      - Catono 3761.
      - Cowles' Eirene 3926.

Signal's Ripple 27093.—Yield of milk, 236 lbs. 6 oz.; yield of butter, 17 lbs. 5 oz.; test made from August 8 to 15, 1887; age, 3 years and 4 months; estimated weight, 800 lbs.; grain ration not given—dry blue grass pasture; property of John B. Wallace, Lexington, Ky.

- Signal's Ripple 27093
  - Allegany Signal 10178
    - Cattaraugus Chief 6026.
      - Allegany Chief 2918.
      - Agapanthus 7174.
    - Agapanthus 7174
      - Bedouin 1260.
      - Nettle 3241.
  - Gardiner's Ripple 11693
    - Allegany Chief 2918
      - Signal 1170.
      - Corolla 4392.
    - Gardiner's Thistle 11338
      - Allegany Comet 2031.
      - Nettle 3241.

Susie B. of Springvale 24986.—Yield of milk, 227 lbs. 2 oz.; yield of butter, 17 lbs. 5 oz.; test made from July 6 to 13, 1888; age, 4 years and 7 months; estimated weight, 800 lbs.; fed during test, 42 qts. corn meal, 70 qts. shorts and 14 qts. bran—hay, mixed pasture; property of James Crook, Jacksonville, Ala.

- Susie B. of Springvale 24986
  - Jersey King 9458 (P. S. 345 J. H. B.)
    - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Grey King (P. S. 169 J. H. B.)
      - Bonheur (F. S. 1651 J. H. B.)
    - Violet (F. S. 997 J. H. B.)
  - Atlanta 2d 24011
    - Bobby (P. S. 243 J. H. B.)
      - Carlo (P. S. 192 J. H. B.)
      - Atlanta (F. S. 1668 J. H. B.)
    - Atlanta 14618, imp. (F. S. 1668 J. H. B.)

Treasure 79200.—Yield of milk, 231 lbs.; yield of butter, 17 lbs. 5 oz.; test made from October 1 to 8, 1892; age, 5 years; estimated weight, 800 lbs.; fed during test, 12 qts. ground oats, corn and oil meal three times daily—hay, orchard pasture; property of Richardson Bros., Davenport, Iowa.

- Treasure 79200
  - Upright 6147
    - Boton 4328
      - One Ton 2000.
      - Boma 4834.
    - Symbol 6136
      - Lord Lawrence 1414.
      - Empresa 2790.
  - Mercurina 64920
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Modita 16626
      - Tony Calypso 3354.
      - Laura Lee 8550.

Sœurette 52256.—Yield of milk, 216 lbs.; yield of butter, 17 lbs. $4\frac{3}{4}$ oz.; test made from March 28 to April 4, 1893; age, 5 years and 1 month; estimated weight, 850 lbs.; fed during test, 24 lbs. daily of a mixture of corn feed, meal and wheat bran, in two feeds—short blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Sœurette 52256
  - Southern Prince 10760
    - Forget-me-not 6291
      - Farmer's Glory 5196, imp.
      - Erica (F. S. 1946 J. H. B.)
    - Oxford Kate 13646
      - Pilot (P. S. 183 J. H. B.)
      - Verclut (F.S.1846 J.H.B.)
  - Tette 20882
    - Gold Basis 4038
      - Gilderoy 2107.
      - Regina 2d 2475, imp.
    - Syringa 3d 6778
      - Lenox 1593.
      - Syringa 3917.

Ada Fy 45479.—Yield of milk, 268 lbs. 4 oz.; yield of butter, 17 lbs. 4 oz.; test made from May 23 to 30, 1891; age, 3 years and 11 months; estimated weight, 850 lbs.; fed during test, 5 lbs. bran and 5 lbs. cotton-seed cake meal daily—timothy, clover and blue grass pasture; property of Bordwell & Cochran. Batavia, Ohio.

- Ada Fy 45479
  - Ely Fy 18244
    - Steletho 10505
      - Dudley 3999.
      - Dot of Bear Lake 6170.
    - Mary of Bear Lake 6171.
      - Prince of Warren 1512.
      - Warren's Duchess 4622.
  - Imperial's Omega, 2d 19664
    - Imperial 2d 5254.
      - Imperial 505.
      - Mary of Bear Lake 6171.
    - Imperial's Omega 13241.
      - Imperial 505.
      - Dot of Bear Lake 6170.

Esclarmonde 59509.—Yield of milk, 251 lbs. 8 oz.; yield of butter, 17 lbs. 4 oz.; test made from July 20 to 27, 1893; age, 4 years and 4 months; actual weight, 1,000 lbs.; fed during test, 56 qts. ground oats, 56 qts. corn meal and 21 qts. ground oil-cake—good old meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Esclarmonde 59509
  - Dalton 20117
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239. imp.
    - Annie Richmond 12608.
      - Orawapum 2833.
      - Urbana 5597.
  - Vernon Beauty 50687
    - Gambetta M. 10012
      - Young Baltimore Boy 2048.
      - Embla 4799.
    - Tahoma of Linesville 15440
      - Hector of Linesville 7067
      - Juliet of Linesville 15439

Jessie Lee Pogis 44969.—Yield of milk, 180 lbs. 11 oz.; yield of butter, 17 lbs. 4 oz.; test made from January 30 to February 6, 1892; age, 4 years and 9 months; estimated weight, 750 lbs.; fed during test, 14 lbs. ensilage, 8 lbs. bran, 4 lbs. ground corn, oats and peas, and 2 lbs. cotton-seed meal daily—28 lbs. hay and 98 lbs. ensilage during test, and one hour on green oats daily; property of M. Lothrop, Marshall, Tex.

- Jessie Lee Pogis 44969
  - Prince of Melrose, 2d 11015
    - Prince of Melrose 4819.
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110
  - Maggie of Springvale 15931
    - Duke of Springvale 4290
      - Date 2624.
      - Maid of Amboy 2929.
    - Jessie Lee of Labyrinth 5290
      - Tycoon Jr. 1212.
      - Beulah of Baltimore 3270

Lemon Twig 42028.—Yield of milk, 253 lbs. 8 oz.; yield of butter, 17 lbs. 4 oz.; test made from May 28 to June 4, 1892; age, 7 years and 1 month; estimated weight, 850 lbs.; fed during test, 12 lbs. corn-hearts in two feeds daily—good blue grass; property of Campbell Brown, Spring Hill, Tenn.

- Lemon Twig 42028...
  - Gilderoy 2107.....
    - Magnetic 1428.....
      - Islander 561.
      - Azalea 1443.
    - Jeanne Le Bas 2476.....
      - Noble (F. S. 71 J. H. B.)
      - Daisy Pridé (F. S. 348 J. H. B.)
  - Orange Twig 11796.....
    - Magnetic 1428.....
      - Islander 561.
      - Azalea 1443.
    - Manna-rain 4181.....
      - Mandarin 1041.
      - Donna René 2754.

Riotress 3d 63166.—Yield of milk, 252 lbs. 11 oz.; yield of butter, 17 lbs. 3½ oz.; test made from June 2 to 9, 1892; age, 3 years and 4 months; estimated weight, 700 lbs.; fed during test, 6 qts. corn meal, 6 qts. ground oats and 6 qts. shorts daily—good pasture; property of D. F. Appleton, Ipswich, Mass.

- Riotress 3d 63166.. ..
  - Young Pedro 9033.....
    - Pedro 3187.....
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Rioter Alphea 10091....
      - Jason Jr. 3270.
      - Chansonnette 5695.
  - Riotress 28062.....
    - King Rioter 6075.....
      - Stoke Pogis 5th 5987.
      - La Petite Belle 12807.
    - Anna Clapp 10510.....
      - Prince of Scituate 3888.
      - Jurita 6665.

Young Lass 67471.—Yield of milk, 252 lbs. 9 oz.; yield of butter, 17 lbs. 3½ oz.; test made from August 2 to 9, 1893; age, 2 years and 11 months; estimated weight, 725 lbs.; fed during test, 42 qts. corn meal, 42 qts. ground oats, 42 qts. shorts and 7 pts. oil meal—good pasture; property of D. F. Appleton, Ipswich, Mass.

- Young Lass 67471.....
  - Young Pedro 9033.....
    - Pedro 3187.....
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Rioter Alphea 10091....
      - Jason Jr. 3270.
      - Chansonnette 5695.
  - Saugus Lass 30542.....
    - Lord Darlington 7285...
      - Duke of Darlington 2460
      - Marjoram 3239, imp.
    - Young Bosdet's Rose 20067.....
      - Lord Beaconsfield (P. S. 220 J. H. B.)
      - Bosdet's Rose 2d 17214.

Coomassie Veda 55838.—Yield of milk, 237 lbs. 11 oz.; yield of butter, 17 lbs. 3 oz.; test made from January 15 to 22, 1892; age, 4 years and 1 month; estimated weight, 750 lbs.; fed during test, 8 qts. corn meal, 6 qts. boiled cotton-seed and 6 qts. wheat bran daily—ensilage, clover hay *ad lib.*; property of Matthews & Moore, Huntsville, Ala.

- Coomassie Veda 55838
  - Kathy's Stoke Pogis 17566.....
    - Ida's Stoke Pogis 13658.
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990
    - Kathy Torment 32910...
      - Tormentor 3533.
      - Kathletta 19567.
  - Coomassie Darlton 29519
    - Duke of Darlington 2d 6948.....
      - Duke of Darlington 2460
      - Enphrates 9778.
    - Augerez Georgiana 24421 (F. S. 6007 J. H. B.)
      - Sir George 7656 (P. S. 221 J. H. B.)
      - On I. of J.

Friendship 62460.—Yield of milk, 276 lbs. 12 oz.; yield of butter, 17 lbs. 3 oz.; test made from May 7 to 14, 1891; age, 2 years and 9 months; actual weight, 760 lbs.; fed during test, 12 lbs. ground oats and 8 lbs. corn meal daily, also grass—good old meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Friendship 62460
  - Ida's Rioter of St. L. 13656
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Little Pogis 32612
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - La Petite Mère 5470
      - Stoke Pogis 1259, imp.
      - Violet 3d 3240, imp.

Marjoram of Glen Rouge 78420.—Yield of milk, 245 lbs. 8 oz.; yield of butter, 17 lbs. 3 oz.; test made from May 17 to 24, 1892; age, 2 years; estimated weight, 700 lbs.; fed during test, 32 lbs. chopped oats and peas and 30 lbs. ensilage daily—clover hay, some grass; property of William Rolph, Markham, Ont., Can.

- Marjoram of Glen Rouge 78420
  - Canada's John Bull 5th 20092
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Marianne Pogis 23008
      - Lorne 5248.
      - Mary Anne of St. Lambert 9770.
  - Leclair's Marjoram 36355
    - Stoke Pogis 1259, imp.
    - Marjoram 3239, imp.

Moragina 26344.—Yield of milk, 233 lbs.; yield of butter, 17 lbs. 3 oz.; test made from May 15 to 22, 1889; age, 7 years and 1 month; estimated weight, 875 lbs.; fed during test, 15 qts. corn and oat meal in three feeds daily—hay *ad lib.*, orchard pasture; property of Richardson Bros., Davenport, Iowa.

- Moragina 26344
  - Kapper's Victor 12340
    - Kapper 2033
      - Hamilton 1074.
      - Kate K. 3d 3731.
    - Albert's Clover 2900
      - Albert 44.
      - White Clover 3d 424.
  - Belle Morgan 26219
    - Schoharie 12345
      - Carl Deans 417.
      - Hattie 3d 741.
    - Victoria 218, imp.

Sparkle 56775.—Yield of milk, 246 lbs. 4 oz.; yield of butter, 17 lbs. 3 oz.; test made from October 11 to 18, 1892; age, 3 years and 8 months; estimated weight, 800 lbs.; fed during test, 12 qts. daily of ground oats, corn and oil meal—plenty of hay, run of pasture; property of Richardson Bros., Davenport, Iowa.

- Sparkle 56775
  - Concert 16499
    - Prize Noble 7321
      - Snap (F. S. 254 J. H. B.)
      - Fancy (F.S. 1879 J.H.B.)
    - May Zephyr 20793
      - Lorenzo 2432.
      - Remarkable 2d 7980.
  - Sparks 41041
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Romp Lawrence 13819
      - Boton 4328.
      - Dearborn Lawrence 8824

Spot Victor Pogis 85901.—Yield of milk, 226 lbs.; yield of butter, 17 lbs. 3 oz.; test made from June 10 to 17, 1893; age, 2 years and 3 months; estimated weight, 650 lbs.; fed during test, 49 lbs. grain—pasture of white clover and mixed grasses; property of Mrs. J. H. Martin, Granville, N. Y.

- Spot Victor Pogis 85901
  - Melia Ann's Victor Pogis 20697
    - Lucy's Stoke Pogis 11544
      - Stoke Pogis 3d 2238.
      - Lucy of St. Lambert 5116
    - Melia Ann 2d 47464
      - Lord Darlington 7285.
      - Melia Ann 5444.
  - Carrie Pedrolier 48966
    - Pedrolier 12412
      - Pedro Thornton 7960.
      - Flora 2d 12279.
    - Carrie Clark 2d 25706
      - Judy's Prince 5713.
      - Carrie Clark 6584.

Jessie Stoke Pogis 37291.—Yield of milk, 187 $\frac{8}{10}$ lbs.; yield of butter, 17 lbs. 2½ oz.; test made from December 6 to 13, 1892; age, 7 years and 4 months; actual weight, 925 lbs.; fed during test, 42 qts. corn meal, 42 qts. bran, 42 qts. oat and pea meal, 42 qts. oil meal, 210 lbs. corn ensilage and 28 lbs. hay; property of H. L. S. Hall, Scottsville, N. Y.

- Jessie Stoke Pogis 37291
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Ethel's Nelly 19097
    - Royal Dane 8th 6357
      - Royal Dane 3254.
      - La Pera 7091.
    - Nelly Brookside 2d 11820
      - Brookside Boy 4297.
      - Nelly Brookside 7085.

Lette Signal 26823.—Yield of milk, 224 lbs. 8 oz.; yield of butter, 17 lbs. 2½ oz.; test made from May 15 to 22, 1887; age, 3 years and 4 months; estimated weight, 700 lbs.; fed during test, 14 lbs. corn meal, 5 lbs. oatmeal and 6 lbs. oil meal daily—blue grass pasture; property of John A. Middelton, Shelbyville, Ky.

- Lette Signal 26823
  - Croton Maid's Duke 6658
    - Sweepstakes Duke 1905.
      - Merry Boy (P. S. 61 J. H. B.)
      - Superb (F.S. 353 J.H.B.)
    - Croton Maid 5305
      - Signal 1170.
      - Lucilla 2735, imp.
  - Signalette 14877
    - Milkboy 2844
      - Lord Byron 707.
      - Milkmaid 3958.
    - Fanny Taylor 6714
      - Signal 1170.
      - Bonanza 3965.

Pomona Pogis 40371.—Yield of milk, 229 lbs. 14 oz.; yield of butter, 17 lbs. 2½ oz.; test made from November 11 to 18, 1890; age, 4 years and 4 months; estimated weight, 850 lbs.; fed during test, 28 qts. pea meal, 28 qts. corn meal, 14 qts. cotton-seed meal, 28 qts. bran and 280 lbs. ensilage—hay, ordinary pasture; property of James Crook, Jacksonville, Ala.

- Pomona Pogis 40371
  - Prince of Melrose 2d 11015
    - Prince of Melrose 4819
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110
  - Maggie of Springvale 15931
    - Duke of Springvale 4290
      - Date 2624.
      - Maid of Amboy 2929.
    - Jessie Lee of Labyrinth 5290
      - Tycoon Jr. 1212.
      - Beulah of Baltimore 3270.

Christina Pogis 35426.—Yield of milk, 211 lbs. 1 oz.; yield of butter, 17 lbs. 2 oz.; test made from October 3 to 10, 1889; age, 3 years and 11 months; estimated weight, 800 lbs.; fed during test, 56 qts. corn meal, 14 qts. cotton-seed meal, 28 qts. ground oats, 14 qts. pea meal and 280 lbs. ensilage—hay, poor pasture; property of James Crook, Jacksonville, Ala.

- Christina Pogis 35426.
  - Prince of Melrose 2d 11015
    - Prince of Melrose 4819.
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484.
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Alabama 7690
    - Dainty Boy 2955
      - Pierrot 636, imp.
      - Dainty 796, imp.
    - Ruby 787, imp.

Cream's Pride 47570.—Yield of milk, 310 lbs.; yield of butter, 17 lbs. 2 oz.; test made from December 9 to 16, 1892; age, 5 years and 2 months; estimated weight, 800 lbs.; fed during test, 14 lbs. cotton-seed meal, 14 lbs. new process linseed meal, 21 lbs. coarse wheat bran, 21 lbs. corn meal, 245 lbs. corn ensilage, 75 lbs. chopped clover hay, mixed, daily, in two feeds; property of E. S. Henry, Rockville, Conn.

- Cream's Pride 47570.
  - Baron Hugo 15208
    - Baron of St. Lambert 5286
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Stolen Kisses 16864 (F. S. 3247 J. H. B.)
  - Cream Caroline 17357
    - McHenry 5890
      - Lord Charlton 5463.
      - Delle 3789.
    - Charlton Caroline 11724
      - Baritone 1075.
      - Caroline 2d 2019.

Martha D. 66641.—Yield of milk, 211 lbs. 14 oz.; yield of butter, 17 lbs. 2 oz.; test made from November 20 to 27, 1892; age, 4 years and 1 month; estimated weight, 900 lbs.; fed during test, 20 qts. daily of equal parts corn meal, ground oats and wheat bran and a pint of oil meal—hay *ad lib.*; property of Walter W. Law, Whitson, N. Y.

- Martha D. 66641.
  - Pride of New York 19787
    - Pride of the Island 5416, imp.
    - Pride's Lady Leonora 32217
      - Pride of the Island 5416, imp.
      - Lady Leonora 11811, imp.
  - Lady Baush 11810, imp.

Belle Melrose 61920.—Yield of milk, 260 lbs. 4 oz.; yield of butter, 17 lbs. 1½ oz.; test made from July 3 to 10, 1892; age, 4 years and 5 months; estimated weight, 700 lbs.; fed during test, 35 lbs. bran, 14 lbs. cotton-seed meal, 28 lbs. shelled oats and 42 lbs. corn, oats and peas ground together—pasture, good mixture of Bermuda and clover; property of M. Lothrop, Marshall, Tex.

- Belle Melrose 61920.
  - Prince of Melrose 4819.
    - Stoke Pogis 3d 2238.
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Princess of St. Lambert 5484.
      - Buffer 2055.
      - Juno of St. Lambert 5110
  - Southern Belle 18570.
    - Lord Longford 3997
      - Silver Mine 1658.
      - Little Gentle 4640.
    - Romp Ogden 2d 4764.
      - Pertinatti 713.
      - Romp Ogden 1571.

Signodelle 3d 50067.—Yield of milk, 189 lbs. 8 oz.; yield of butter, 17 lbs. 1½ oz.; test made from December 16 to 23, 1891; age, 4 years and 7 months; estimated weight, 900 lbs.; fed during test, 42 lbs. bran, 63 lbs. oatmeal, 63 lbs. corn meal, 80 lbs. hay and 140 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.

- Signodelle 3d 50067...
  - Ida's Stoke Pogis 13658.
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Signodelle 27132 .....
    - Signalda 4027.....
      - Signal 1170.
      - Alda 3873.
    - Odelle Sales 15564.....
      - Tormentor 3533.
      - Oonan 1485.

Beauty of Oakland 45009.—Yield of milk, 223 lbs. 1 oz.; yield of butter, 17 lbs. 1 oz.; test made from April 30 to May 7, 1893; age, 5 years and 11 months; actual weight, 875 lbs.; fed during test, 84 lbs. corn meal and 42 lbs. wheat bran, mixed with cut timothy hay—hay *ad lib.*, pasture of mixed grasses; property of Columbus Dixon, Gillespieville, Ohio.

- Beauty of Oakland 45009.....
  - King Signal 12491.....
    - Signalda 2d 6748.....
      - Signalda 4027.
      - Sadie's Choice 7979.
    - Signalia 5303.....
      - Signal 1170.
      - Maiden of Jersey 2736.
  - Nal Day 26553.....
    - Signalda 2d 6748.....
      - Signalda 4027.
      - Sadie's Choice 7979.
    - Nan Day 17192.....
      - Duke of Ouaquaga 2740.
      - Bonnie Jean 13116.

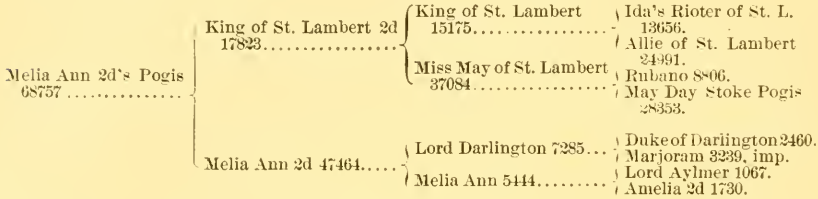
Daisette 64004.—Yield of milk, 264 lbs. 15 oz.; yield of butter, 17 lbs. 1 oz.; test made from Oct. 24 to 31, 1893; age, 5 years and 2 months; actual weight, 846 lbs.; fed during test, 40 lbs. corn meal, 47 lbs. ground wheat, 14 lbs. old process oil meal, 12 lbs. cotton-seed meal and 65 lbs. hay—good meadow aftermath; property of J. P. Bradbury, Pomeroy, Ohio.

- Daisette 64004.....
  - Denise's Tormentor 11823.....
    - Tormentor 3533.....
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Denise 8281.....
      - Top-Sawyer 1404.
      - Lucy 4577.
  - Tormentor's Daisy 52496
    - Denise's Tormentor 11823.....
      - Tormentor 3533.
      - Denise 8281.
    - Dolly of Riverside 32944
      - Champion of Riverside 5787.
      - Whiting's Daisy 14858.

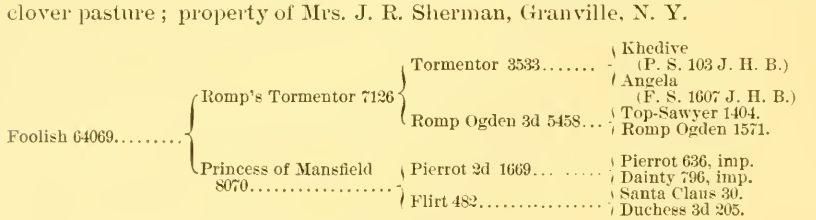
Jetty d'Or 2d 62403.—Yield of milk, 235 lbs. 6 oz.; yield of butter, 17 lbs. 1 oz.; test made from June 14 to 21, 1893; age, 5 years and 3 months; actual weight, 705 lbs.; fed during test, 49 lbs. corn meal and 28 lbs. common wheat bran—pasture of mixed grasses; property of Fulton Dixon, Gillespieville, Ohio.

- Jetty d'Or 2d 62403...
  - Taureau d'Or 11743.....
    - Rayon d'Or 7516.....
      - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Coomassie 11874 (F. S. 1442 J. H. B.)
    - Young Lady 16660.....
      - Dido (P. S. 251 J. H. B.)
      - Lady Young 16668 (F. S. 3197 J. H. B.)
  - Jetty d'Or 39845.....
    - Rayon d'Or 7516.....
      - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Coomassie 11874 (F. S. 1442 J. H. B.)
    - Jetty Lee 7988.....
      - Sweepstakes Duke 1905.
      - Velvet of Hingham 1996.

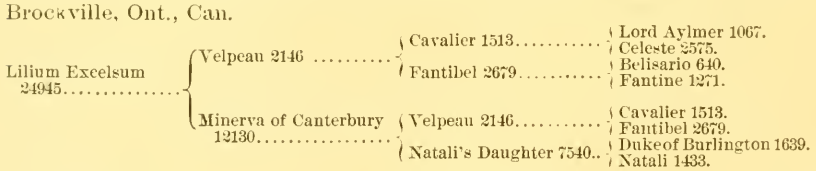
Melia Ann 2d's Pogis 68757.—Yield of milk, 296 lbs. 12 oz.; yield of butter, 17 lbs. 1 oz.; test made from October 15 to 22, 1893; age, 3 years and 6 months; estimated weight, 900 lbs.; fed during test, 35 qts. ship feed, 21 qts. corn meal, 14 qts. ground oats and about 7 bushels cut corn-stalks—upland timothy and clover pasture; property of H. G. Westlake, Hillsdale, N. Y.



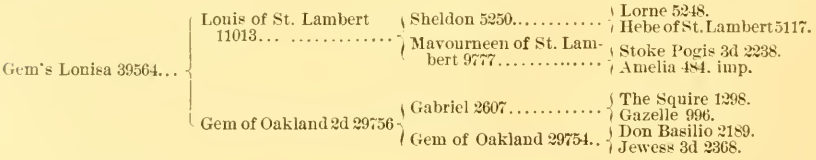
Foolish 64069.—Yield of milk, 306 lbs. 8 oz.; yield of butter, 17 lbs. ½ oz.; test made from October 18 to 25, 1893; age, 8 years and 2 months; estimated weight, 800 lbs.; fed during test, 42 lbs. grain—green corn fodder and white clover pasture; property of Mrs. J. R. Sherman, Granville, N. Y.



Lilium Excelsum 24945.—Yield of milk, 231 lbs.; yield of butter, 17 lbs. ½ oz.; test made from March 25 to April 1, 1891; age, 8 years; estimated weight, 900 lbs.; fed during test, 14 qts. pea meal, 14 qts. corn meal, 28 qts. ground oats, 28 qts. bran and 3½ bushels roots; property of Mrs. E. M. Jones, Brockville, Ont., Can.



Gem's Louisa 39564.—Yield of milk, 194 lbs. 10 oz.; yield of butter, 17 lbs.; test made from September 18 to 25, 1892; age, 6 years and 6 months; estimated weight, 900 lbs.; fed during test, 15 lbs. oats, corn and bran and 3 lbs. oil meal daily—84 lbs. ensilage, fresh pasture; property of Ayer & McKinney, Philadelphia, Pa.



Landseer's Hilda 49788.—Yield of milk, 229 lbs. 12 oz.; yield of butter, 17 lbs.; test made from March 22 to 29, 1891; age, 3 years and 7 months; estimated weight, 950 lbs.; fed during test, 17 lbs. oil meal, 17 lbs. pea meal, 42 lbs. corn meal, 48 lbs. crushed oats and 70 lbs. hay; property of Ayer & McKinney, Philadelphia, Pa.

- Landseer's Hilda 49788
  - Landseer's Pogis 15847..
    - Pogis Chief 3998.....
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Landseer's Fancy 2876..
      - Landseer 331.
      - Young Fancy 97.
  - Hilda 2d 14967..... (F. S. 2183 J. H. B.)
    - Farmer's Glory 5196.... (F. S. 274 J. H. B.)
      - Grey King (P. S. 169 J. H. B.)
      - Bonheur (F. S. 1651 J. H. B.)
    - Hilda (F. S. 2183 J. H. B.)

Lulu of Riverside 19175.—Yield of milk, 198 lbs. 8 oz.; yield of butter, 17 lbs.; test made from January 13 to 20, 1888; age, 6 years and 6 months; actual weight, 790 lbs.; fed during test, 21 qts. corn and cob meal, 21 qts. middlings, 21 qts. shorts and 21 qts. roots; property of J. H. Walker, Worcester, Mass.

- Lulu of Riverside 19175.....
  - Coventry Boy 5847.....
    - Duke of Mansfield 2277.
      - Pierrot 636, imp.
      - La Biche 905, imp.
    - Betty Bowen 9494.....
      - Pierrot 636, imp.
      - Rosa 2d 1622.
  - Pride of Willimantic 13557.....
    - Duke of Mansfield 2277.
      - Pierrot 636, imp.
      - La Biche 905, imp.
    - Belle of Brooklyn 9493..
      - Pierrot 636, imp.
      - Frolic 2d 1951.

Meridale Coquette 64535.—Yield of milk, 202 lbs. 2 oz.; yield of butter, 17 lbs.; test made from March 31 to April 7, 1892; age, 2 years and 6 months; estimated weight, 700 lbs.; fed during test, 16 lbs. oats, corn and bran and 2 lbs. oil meal daily—75 lbs. hay; property of Ayer & McKinney, Philadelphia, Pa.

- Meridale Coquette 64535.....
  - Ida of St. Lambert's Bull 19169.....
    - Stoke Pogis 5th 5987 ...
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Ida of St. Lambert 24990.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - St. Lambert's Coquette 41070.....
    - Diana's Rioter 10481....
      - Sir George of St. Lambert 6036.
      - Diana of St. Lambert 6636.
    - Coquette of Glen Rouge 17559.....
      - Jack Frost of St. Lambert 2419.
      - Sweet Brier of St. Lambert 5481.

Calcium 79733.—Yield of milk, 212 lbs. 5 oz.; yield of butter, 16 lbs. 15 oz.; test made from May 1 to 8, 1891; age, 4 years and 4 months; estimated weight, 850 lbs.; fed during test, 12 qts. corn meal, oatmeal and pea meal daily, in three feeds—hay *ad lib.*; property of Richardson Bros., Davenport, Iowa.

- Calcium 79733.....
  - Upright 6147.....
    - Boton 4328.....
      - One Ton 2000.
      - Boma 4834.
    - Symbol 6136.....
      - Lord Lawrence 1414.
      - Empresa 2790.
  - Commilla 79614.....
    - Combination 4389.....
      - Polonius 2513.
      - Lady Mel 429.
    - Millie Lee 7989.....
      - Mount Waite 1793.
      - Millie of Mount Waite 5207.

Patona 55117.—Yield of milk, 227 lbs. 3 oz.; yield of butter, 16 lbs. 14½ oz.; test made from January 23 to 30, 1893; age, 4 years and 5 months; estimated weight, 750 lbs.; fed during test, 42 qts. corn meal, 56 qts. wheat bran and 56 qts. ground oats—hay *ad lib.*; property of D. F. Appleton, Ipswich, Mass.

- Patona 55117
  - Young Pedro 9033
    - Pedro 3187
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Rioter Alphea 10091
      - Jason Jr. 3270.
      - Chansonnette 5695.
  - Saugus Lass 30542
    - Lord Darlington 7285
      - Duke of Darlington 2460.
      - Marjoram 3239, imp.
    - Young Bosdet's Rose 20067
      - Lord Beaconsfield (P. S. 220 J. H. B.)
      - Bosdet's Rose 2d 17214.

Clover of St. Lambert 60945.—Yield of milk, 203 lbs. 8 oz.; yield of butter, 16 lbs. 14¼ oz.; test made from February 6 to 13, 1893; age, 4 years and 1 month; actual weight, 836 lbs.; fed during test, 124 qts. chop and 42 qts. wheat bran—clover hay and corn fodder; property of Mrs. A. M. Hallock, Columbus, Ohio.

- Clover of St. Lambert 60945
  - Ruby's Star of St. Lambert 20719
    - King of St. Lambert 15175
      - Ida's Rioter of St. L. 13656.
      - Allie of St. Lambert 24991.
    - Ruby St. L. 34751
      - Rioter's Pride 11694.
      - Lisgar's Duchess 26299.
  - Daisy Deane of St. L. 35962
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Jersey Belle of Prospect 18628
      - Aristocrat 8064.
      - Comtesse D'Espagne 10308.

Alma of Springvale 26951.—Yield of milk, 229 lbs. 5 oz.; yield of butter, 16 lbs. 14 oz.; test made from April 2 to 9, 1888; age, 4 years and 2 months; estimated weight, 750 lbs.; fed during test, 28 qts. corn meal, 28 qts. ground oats, 28 qts. cotton-seed meal and 175 lbs. ensilage—hay, pasture of winter rye; property of James Crook, Jacksonville, Ala.

- Alma of Springvale 26951
  - Alpheus of Springvale 5645
    - Auchentoroly 3494
      - Cerdic 1204.
      - Agnes Sorel 2162.
    - Canobie 6964
      - Westchester 1266.
      - Clytemnestra 2455.
  - Alabama 7690
    - Dainty Boy 2955
      - Pierrot 636, imp.
      - Dainty 796, imp.
    - Ruby 787, imp.

Amelia Pogis 53796.—Yield of milk, 238 lbs. 11 oz.; yield of butter, 16 lbs. 14 oz.; test made from November 1 to 8, 1892; age, 4 years and 6 months; estimated weight, 750 lbs.; fed during test, 56 qts. corn meal, 28 qts. bran, 28 qts. cotton-seed meal and 30 lbs. ensilage—hay, pasture in very good rye lot; property of James Crook, Jacksonville, Ala.

- Amelia Pogis 53796
  - St. Lambert's John Bull 16618
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Mavourneen of St. Lambert 9777
      - Stoke Pogis 3d 2238.
      - Amelia 484, imp.
  - Pogis' Dewdrop 40373
    - Prince of Melrose 2d 11015
      - Prince of Melrose 4819.
      - Princess of St. Lambert 5484.
    - Dewdrop Pansy 19736
      - Platon (F.S. 310 J. H. B.)
      - Pansy (F. S 1072 J.H.B.)

Corinne Melrose 54455.—Yield of milk, 190 lbs. 8 oz.; yield of butter, 16 lbs. 14 oz.; test made from January 6 to 13, 1892; age, 4 years and 9 months; estimated weight, 800 lbs.; fed during test, 14 lbs. ensilage, 8 lbs. bran, 4 lbs. ground corn, oats and peas, 2 lbs. cotton-seed meal and 4 lbs. hay daily—pastured on green oats one hour per day; property of M. Lothrop, Marshall, Tex.

- Corinne Melrose 54455
  - Prince of Melrose 4819
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Corinne Moore 35748
    - Sir Signal 3018
      - Signal 1170.
      - Rhoda 1102.
    - Fall Leaf 8587
      - Lord Lawrence 1414.
      - Sunny South 6830.

Dassa Argyle 21180.—Yield of milk, 275 lbs.; yield of butter, 16 lbs. 14 oz.; test made from May 3 to 10, 1891; age, 8 years and 5 months; estimated weight, 1,100 lbs.; fed during test, 2 lbs. linseed meal, 2 lbs. cotton-seed meal, 3 lbs. coarse wheat bran, 3 lbs. corn and cob meal, mixed with 35 to 40 lbs. ensilage, daily, in two feeds; property of E. S. Henry, Rockville, Conn.

- Dassa Argyle 21180
  - Campbell's Rex 6812
    - John Rex 2761
      - Rex 1330.
      - Usilda 832.
    - Dahlia 401
      - Raghorn 175.
      - Mignonette 6, imp.
  - Duchess of Argyle 3d 7569
    - Duke of Argyle 1517
      - Nestor 773.
      - Marilla 2899.
    - Duchess of Argyle 3758
      - Jack Dasher 332.
      - Berlin Daisy 3759.

Mamie H. Pogis 57050.—Yield of milk, 193 lbs. 8 oz.; yield of butter, 16 lbs. 14 oz.; test made from December 3 to 10, 1893; age, 4 years and 9 months; actual weight, 925 lbs.; fed during test, 84 qts. ground oats, 21 qts. ground oil-cake, 42 qts. corn meal, 21 qts. wheat bran, 30 lbs. carrots and 105 lbs. boiled sweet corn—hay; property of Miller & Sibley, Franklin, Pa.

- Mamie H. Pogis 57050
  - Buffer's Hugo Pogis 15315
    - Pogis Victor Hugo 12291
      - Prince of Melrose 4819.
      - Wayne's Pride 23040.
    - Tustina 17068
      - John Knox 3289.
      - Julietta 8564.
  - Lady Perfection 32116
    - Stoke Pogis' Perfection 5984
      - Stoke Pogis 5th 5987.
      - Lady Mary Linden 12800
    - Lady Disdain 16211
      - Doge of Venice 4274.
      - Maid of Astolat 8446.

Minnie C. 2d 48414.—Yield of milk, 213 lbs. 1 oz.; yield of butter, 16 lbs. 14 oz.; test made from September 5 to 12, 1891; age, 5 years and 4 months; estimated weight, 1,000 lbs.; fed during test, 40 lbs. mill feed (bran and shorts), 42 lbs. corn meal and 3½ gals. oil-cake—pasture of mixed grasses, blue, orchard, etc.; property of D. W. Voyles, Crandall, Ind.

- Minnie C. 2d 48414
  - Gen. U. S. Grant 14822
    - Sir Alpha 6378
      - Washita 3813.
      - Gray Violet 3489.
    - Pollette 13895
      - Double Prize 3117.
      - Hattie of Ipswich 3922.
  - Minnie C. 29003
    - Summers' Duke 13959
      - Marboy 2644.
      - Elleana S. 21828.
    - Pansy E. 23407
      - Marboy 2644.
      - Elleana S. 21828.

Princess Carmen 58320.—Yield of milk, 217 lbs. 9 oz.; yield of butter, 16 lbs. 14 oz.; test made from June 7 to 14, 1890; age, 3 years and 2 months; estimated weight, 900 lbs.; fed during test, 12 qts. daily of a mixture of one part bran, two parts ground corn and three parts ground oats—bran slop daily, good hay, old pasture; property of L. L. Tozier, Batavia, N. Y.

- Princess Carmen 58320
  - Lanison 15283
    - Lord Dartmouth 6302
      - Miletus 3186.
      - Eurotas 2454.
    - Lanice 13656
      - Black Prince of Hanover 2873.
      - Daisy Darling 6386.
  - Clotaire's Beauty 28171.
    - Clotaire 9884
      - Royal Oak 6219 (P. S. 286 J. H. B.)
      - Floribundus 2d 14949.
    - Lady Bingo 24160
      - Bingo 2d 6749.
      - Mrs. Knickerbocker 19367.

Bess Pogis of Prospect 87045.—Yield of milk, 245 lbs. 8 oz.; yield of butter, 16 lbs. 13½ oz.; test made from June 27 to July 4, 1893; age, 4 years and 2 months; actual weight, 890 lbs.; fed during test, 5 qts. corn meal, 8 qts. ground oats and 3 qts. ground oil-cake daily—good old meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Bess Pogis of Prospect 87045
  - Gipsy's Lorne Pogis 20346
    - Lord Lorne Pogis 14360.
      - Lorne Pogis 11255.
      - Rosina Romeril 12696.
    - Gipsy's Pride 25290
      - Canister 7735.
      - Gipsy Maid 2d 16902.
  - Bess of Ingleside 42172.
    - Duke of Ravenna 14050.
      - Baron of St. Lambert 5286.
      - Deerfoot Girl 15329.
    - Ravenna Bess 28526
      - Col. Wallace 7623.
      - Miss Allie 2d 14221.

Fleeter 61921.—Yield of milk, 234 lbs. 15½ oz.; yield of butter, 16 lbs. 13½ oz.; test made from June 4 to 11, 1892; age, 4 years and 4 months; estimated weight, 750 lbs.; fed during test, 42 lbs. bran, 14 lbs. cotton-seed meal, 14 lbs. cotton-seed, 49 lbs. ground corn, oats and peas—good pasture of Bermuda and clover; property of M. Lothrop, Marshall, Tex.

- Fleeter 61921
  - Prince of Melrose 4819.
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Fleetling 18576
    - Carnival 5110
      - The Hub 1009.
      - Romp Ogden 2d 4764.
    - Silver Wave 10844
      - The Hub 1009.
      - Variella 6337.

Heiress of St. Lambert 56507.—Yield of milk, 209 lbs.; yield of butter, 16 lbs. 13½ oz.; test made from October 10 to 17, 1891; age, 3 years; estimated weight, 750 lbs.; fed during test, 20 lbs. chopped peas and oats and 2 lbs. oil-cake daily—hay, clover and timothy pasture; property of William Rolph, Markham, Ont., Can.

- Heiress of St. Lambert 56507
  - One Hundred per Cent. 16590
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Leclair's Marjoram 36355
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
  - Peony of St. Lambert 56501
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Lord Fife's Joliette 30591
      - Lord Fife 5148.
      - Daisy of St. Lambert 25840.

Myrtlise 64006.—Yield of milk, 176 lbs. 8 oz.; yield of butter, 16 lbs. 13½ oz.; test made from November 11 to 18, 1893; age, 5 years and 2 months; estimated weight, 850 lbs.; fed during test, 12 qts. ground corn and oats, 12 qts. wheat bran and 3 qts. oil meal daily—timothy hay; property of Charles A. Sweet, Buffalo, N. Y.

Myrtlise 64006	Denise's Tormentor 11823	Tormentor 3533	Khedive (P. S. 103 J. H. B.)
			Angela (F. S. 1607 J. H. B.)
		Denise 8281	Top-Sawyer 1404.
			Lucy 4577.
	Grace Pansy 2d 18764	Smoke Smith 4844	Brigand 1899.
			Selika 1805.
		Grace Pansy 12156	Champion of America 4th 4680.
			Myrtle Wright 2d 12154.

Nora of Glen Rouge 69452.—Yield of milk, 217 lbs.; yield of butter, 16 lbs. 13 oz.; test made from January 18 to 25, 1892; age, 2 years and 8 months; estimated weight, 700 lbs.; fed during test, 140 lbs. chopped oats and 320 lbs. corn ensilage—clover hay *ad lib.*; property of William Rolph, Markham, Ont., Can.

Nora of Glen Rouge 69452	Canada's John Bull 5th 20092	Canada's John Bull 8388	Sir George of St. Lambert 6036.
			Nymph of St. Lambert 12068.
		Marianne Pogis 23008	Lorne 5248.
			Mary Anne of St. Lambert 9770.
	Rinora Pogis 40107	Brier's Pogis 14163	Diana's Rioter 10481.
			Sweet Brier of St. Lambert 5481.
		Rioter's Nora 21778	Sir George of St. Lambert 6036.
			Nora of St. Lambert 12962.

Tritoma Pogis 44952.—Yield of milk, 179 lbs. 15 oz.; yield of butter, 16 lbs. 13 oz.; test made from June 20 to 27, 1893; age, 6 years and 3 months; estimated weight, 950 lbs.; fed during test, 4 lbs. ground oats and 6 lbs. ground corn daily—poor blue grass pasture; property of D. L. Heinsheimer, Glenwood, Iowa.

Tritoma Pogis 44952	Prince Pogis' Hugo 15660	Prince Pogis 10682	Middlefield Boy 1331.
			Mary Anne of St. Lambert 9770.
		Rosette of St. Lambert 108	Lord Lisgar 1066.
			Victoria 411.
	Fannie Keene 40097	Champion Albert 6023	Champion of America 1567.
			Kitty Colt 2213.
		Tritoma 2d 16172	Champion 1109.
			Tritoma 1376.

Exile's Anna 46881.—Yield of milk, 219 lbs. 8 oz.; yield of butter, 16 lbs. 12 oz.; test made from December 23 to 30, 1890; age, 3 years and 9 months; estimated weight, 750 lbs.; fed during test, 4 lbs. corn meal, 4 lbs. fine middlings, 6 lbs. bran, 3 lbs. oil meal, 3 lbs. pea meal and 16 lbs. ensilage daily—clover hay; property of P. J. Cogswell, Rochester, N. Y.

Exile's Anna 46881	Exile of St. Lambert 13657	Bachelor of St. Lambert 4558	Orloff 3143.
			Charity of St. Lambert 6638.
		Allie of St. Lambert 24991	Stoke Pogis 3d 2238.
			Kathleen of St. Lambert 5122.
	Anna Gold Ear 21053	Gerry 2d 7217	Gerry 1539.
			Gold Ear 2d 3592.
		Gold Ear 2d 3592	Brookside 1104.
			Gold Ear 2200.

Lady Cloud 2d 26825.—Yield of milk, 229 lbs. 8 oz.; yield of butter, 16 lbs. 12 oz.; test made from May 22 to 29, 1887; age, 3 years and 2 months; estimated weight, 725 lbs.; fed during test, 14 lbs. corn meal, 5 lbs. oatmeal and 6 lbs. oil meal daily—blue grass pasture; property of John A. Middelton, Shelbyville, Ky.

- Lady Cloud 2d 26825
  - Croton Maid's Duke 6658
    - Sweepstakes Duke 1905.
      - Merry Boy (P. S. 61 J. H. B.)
      - Superb (F.S. 353 J.H.B.)
    - Croton Maid 5305
      - Signal 1170.
      - Lucilla 2735, imp.
  - Lady Cloud 19358
    - Fayette Boy 4737
      - Fancy Leo 2728.
      - Lady Pigot 2d 5798.
    - Lady Tilford 14467
      - Red Cloud 2d 2260.
      - Lady Pigot 5797.

Lady of Bay View 66029.—Yield of milk, 213 lbs. 4 oz.; yield of butter, 16 lbs. 12 oz.; test made from February 8 to 15, 1893; age, 2 years and 11 months; estimated weight, 450 lbs.; fed during test, 17½ lbs. oil meal, 252 lbs. corn refuse, 210 lbs. corn ensilage, 14 lbs. malt sprouts and 28 lbs. hay; property of Charles Lautz, Buffalo, N. Y.

- Lady of Bay View 66029
  - Bay View Cute 23853
    - Chief 10663
      - Mercury 432.
      - Lady Love 2d 2212.
    - Lottie B. 10039
      - Lord Shaftesbury 2499.
      - Belladonna of Glen Dale 7384.
  - Minnie B. Rex 9256
    - Rex 1330
      - Colt Jr. 825.
      - Couch's Lily 3237.
    - Patty Baker 2529
      - Robbins 953.
      - Daffie 2522.

Pinkey Spry 18316.—Yield of milk, 207 lbs. 5 oz.; yield of butter, 16 lbs. 12 oz.; test made from July 14 to 21, 1892; age, 11 years and 1 month; estimated weight, 800 lbs.; fed during test, 2 gals. corn meal, 2 gals. bran, 3 gals. oatmeal, mixed, fed on cut green corn; property of H. A. Huntington, Higganum, Conn.

- Pinkey Spry 18316
  - Tormentor 3533 (F. S. 259 J. H. B.)
    - Khedive (P.S.103 J.H.B.)
      - Leo (F. S. 198 J. H. B.)
      - Coomassie 11874 (F. S. 1442 J. H. B.)
    - Angela (F.S. 1607 J.H.B.)
  - Varinka 3838
    - Mandarin 1041
      - Orange Skin (P. S. 19 J. H. B.)
      - Fille de l'Air 2474.
    - Bathsheba 2556
      - Junius 204.
      - Vashti 2555.

Lisgar's Rose 2d 56976.—Yield of milk, 213 lbs. 11 oz.; yield of butter, 16 lbs. 11¾ oz.; test made from June 7 to 14, 1891; age, 5 years; estimated weight, 900 lbs.; fed during test, 15 lbs. oil meal, 16 lbs. meal and 38 lbs. middlings—good pasture; property of E. D. Halstead, Bartlett, N. Y.

- Lisgar's Rose 2d 56976
  - Canada's John Bull 8388
    - Sir George of St. Lambert 6036
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483, imp.
    - Nymph of St. Lambert 12968
      - Stoke Pogis 3d 2238.
      - Diana of St. Lambert 6636.
  - Lisgar's Rose 26607
    - Silver's Bunthorne 11082
      - Silver (P. S. 287 J. H. B.)
      - Belle Valentine 23243.
    - Rosette of St. Lambert 5108
      - Lord Lisgar 1066.
      - Victoria 411.

Fleecy Princess 40342.—Yield of milk, 243 lbs. 13 oz.; yield of butter, 16 lbs. 11½ oz.; test made from February 22 to March 1, 1893; age, 7 years and 10 months; estimated weight, 800 lbs.; fed during test, 3 qts. corn meal, 1½ gals. bran, 3 qts. corn-cob meal, 1 qt. cotton-seed meal, 15 lbs. ensilage and 5 lbs. hay daily; property of M. Lothrop, Marshall, Tex.

- Fleecy Princess 40342.
  - Prince of Melrose 4819..
    - Stoke Pogis 3d 2238....
      - Stoke Pogis 1259. imp.
      - Marjoram 3239, imp.
    - Princess of St. Lambert 5484.....
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Fleece 18568.....
    - The Hub 1009.....
      - Motley 515.
      - Bessie 139.
    - Busy Bee 6336.....
      - Top-Sawyer 1404.
      - Bisma 3d 1870.

Coomassie Darlton 29519.—Yield of milk, 221 lbs. 1 oz.; yield of butter, 16 lbs. 11 oz.; test made from March 25 to April 1, 1891; age, 6 years and 6 months; estimated weight, 750 lbs.; fed during test, 3 gals. corn-hearts, 2 gals. wheat bran and 2 gals. ground oats, on corn ensilage—clover hay *ad lib.*; property of Matthews & Moore, Huntsville, Ala.

- Coomassie Darlton 29519 .....
  - Duke of Darlington 2d 6948.....
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Euphrates 9778... .....
      - Inachus 928.
      - Helene 179.
  - Augerez Georgiana 24421 (F. S. 6007 J. H. B.)
    - Sir George 7656..... (P. S. 221 J. H. B.)
      - Guy Fawkes (F. S. 251 J. H. B.)
      - Brown Bess 13092 (F. S. 755 J. H. B.)
    - On I. of J.

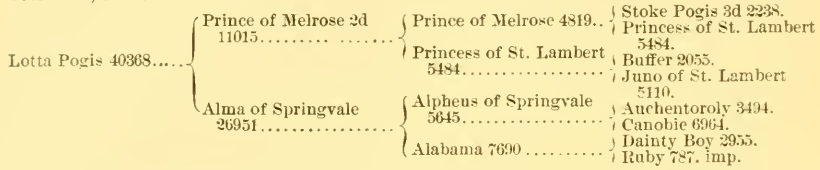
Ida's Mysinda 64868.—Yield of milk, 213 lbs. 8 oz.; yield of butter, 16 lbs. 11 oz.; test made from December 15 to 22, 1892; age, 2 years and 7 months; estimated weight, 800 lbs.; fed during test, 44 lbs. pea meal, 20 lbs. oil meal, 30 lbs. cotton-seed meal, 48 lbs. mixed feed and 150 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.

- Ida's Mysinda 64868..
  - Ida of St. Lambert's Bull 19169.....
    - Stoke Pogis 5th 5987....
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Mysinda 2d 42250.....
    - Ida's Stoke Pogis 13658.
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Mysinda 27133.....
      - Signalda 4027.
      - Mirtha 3437.

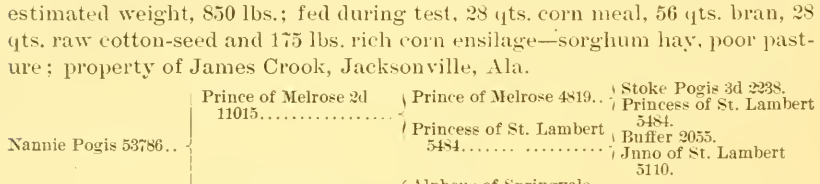
Kitty of St. Lambert 6637.—Yield of milk, 267 lbs. 8 oz.; yield of butter, 16 lbs. 11 oz.; test made from May 31 to June 7, 1892; age, 15 years and 1 month; estimated weight, 800 lbs.; fed during test, 84 lbs. chopped oats—clover and timothy pasture; property of William Rolph, Markham, Ont., Can.

- Kitty of St. Lambert 6637.....
  - Stoke Pogis 3d 2238....
    - Stoke Pogis 1259, imp.
    - Marjoram 3239, imp.
  - Rosette of St. Lambert 5108.....
    - Lord Lisgar 1066.....
      - Victor Hugo 197, imp.
      - Pauline 494.
    - Victoria 411.....
      - Victor Hugo 197, imp.
      - Juliet 485, imp.

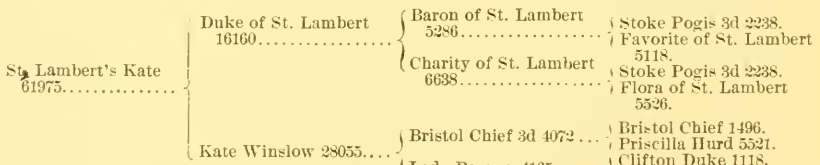
Lotta Pogis 40368.—Yield of milk, 212 lbs. 1 oz.; yield of butter, 16 lbs. 11 oz.; test made from June 20 to 27, 1889; age, 3 years and 1 month; estimated weight, 700 lbs.; fed during test, 28 qts. pea meal, 28 qts. corn meal and 56 qts. bran—hay, good mixed pasture; property of James Crook, Jacksonville, Ala.



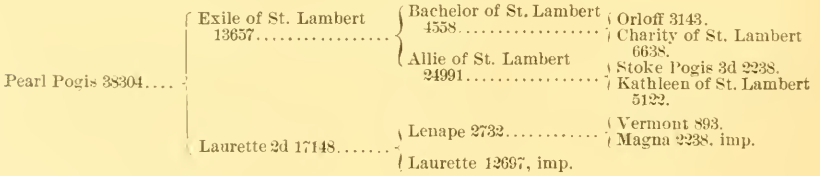
Nannie Pogis 53786.—Yield of milk, 238 lbs. 14 oz.; yield of butter, 16 lbs. 11 oz.; test made from October 5 to 12, 1891; age, 3 years and 8 months; estimated weight, 850 lbs.; fed during test, 28 qts. corn meal, 56 qts. bran, 28 qts. raw cotton-seed and 175 lbs. rich corn ensilage—sorghum hay, poor pasture; property of James Crook, Jacksonville, Ala.



St. Lambert's Kate 61975.—Yield of milk, 259 lbs. 2 oz.; yield of butter, 16 lbs. 11 oz.; test made from April 30 to May 7, 1893; age, 4 years and 10 months; estimated weight, 925 lbs.; fed during test, 3 qts. corn meal, 2 qts. oil meal, 4 qts. oatmeal, 5 qts. bran, in two feeds, daily, also 4 qts. roots—clover and timothy pasture; property of Mrs. E. F. Hawley, Pittsford, N. Y.



Pearl Pogis 38304.—Yield of milk, 203 lbs. 8 oz.; yield of butter, 16 lbs. 10¾ oz.; test made from October 17 to 24, 1891; age, 5 years and 5 months; estimated weight, 825 lbs.; fed during test, 12 qts. corn meal, 2 qts. oil meal, 4 qts. bran, 4 lbs. hay and 8 lbs. corn-stalks daily; property of Pierce J. Cogswell, Rochester, N. Y.



Signal's Ripple 4th 64862.—Yield of milk, 282 lbs. 8 oz.; yield of butter, 16 lbs. 10¼ oz.; test made from May 23 to 30, 1892; age, 3 years and 11 months; estimated weight, 800 lbs.; fed during test, 82 lbs. corn meal, 40 lbs. ground oats and 28 lbs. bran; property of R. McMichael, Lexington, Ky.

- Signal's Ripple 4th 64862
  - Jupiter Pogis 18192
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Juliet of St. Lambert 5483
      - Buffer 2055.
      - Rosette of St. Lambert 5108.
  - Signal's Ripple 27093
    - Allegany Signal 10178
      - Cattaraugus Chief 6026.
      - Agapanthus 7174.
    - Gardiner's Ripple 11693.
      - Allegany Chief 2918.
      - Gardiner's Thistle 11338.

Crusta 29637.—Yield of milk, 236 lbs. 10 oz.; yield of butter, 16 lbs. 10 oz.; test made from July 1 to 8, 1892; age, 8 years; estimated weight, 850 lbs.; fed during test, 12 qts. corn and oats and pea meal, daily, in three feeds —orchard pasture; property of Richardson Bros., Davenport, Iowa.

- Crusta 29637
  - Combination 4389
    - Polonius 2513
      - Sarpedon 930.
      - Leda 799.
    - Lady Mel 429
      - McClellan 4th 85.
      - Mel 2d 57.
  - Exhibit 23245
    - Glue 3960
      - Sweepstakes Duke 1905.
      - Minnie Parks 5350.
    - Cash Girl 12424
      - Rossiter 1472.
      - Motley's Medusa 3033.

Marno B. 56368.—Yield of milk, 205 lbs. 8 oz.; yield of butter, 16 lbs. 10 oz.; test made from June 24 to July 1, 1892; age, 5 years and 2 months; estimated weight, 800 lbs.; fed during test, good pasture only; property of Mrs. J. R. Sherman Walsh, Pawlet, Vt.

- Marno B. 56368
  - Romp's Tormentor 7126
    - Tormentor 3533
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Romp Ogden 3d 5458
      - Top-Sawyer 1404.
      - Romp Ogden 1571.
  - Miss Flite of Bingo 31000
    - Bellzora 7212
      - Gold Finder 2225.
      - Belle of Cornell 10977.
    - Princess of Mansfield 8070
      - Pierrot 2d 1669.
      - Flirt 482.

Patty Polonius 3d 38677.—Yield of milk, 184 lbs. 8 oz.; yield of butter, 16 lbs. 10 oz.; test made from March 28 to April 4, 1892; age, 6 years and 4 months; estimated weight, 1,000 lbs.; fed during test, 75 lbs. meal, 42 lbs. wheat bran, 13 lbs. cotton-seed meal and 70 lbs. hay; property of H. A. Huntington, Higganum, Conn.

- Patty Polonius 3d 38677
  - Wosie 6802
    - Thuji 5281
      - Ori 4286.
      - Renini 9181.
    - Junon 11269
      - Ori 4286.
      - Ianthe 4562.
  - Patty Polonius 14016
    - Berlin 4507
      - Polonius 2513.
      - Vinnie 1945.
    - Patty Baker 2529
      - Robbins 953.
      - Daffie 2522.

Silver Montague 45475.—Yield of milk, 268 lbs. 4 oz.; yield of butter, 16 lbs. 10 oz.; test made from May 23 to 30, 1891; age, 4 years; estimated weight, 950 lbs.; fed during test, 5 lbs. bran and 5 lbs. cotton-seed cake meal daily—short pasture of timothy, clover and blue grass; property of Bordwell & Cochran, Batavia, Ohio.

Silver Montague 45475	Lord Montague 12385	Pedro 3187	Domino of Darlington 2459.
			Eurotas 2454.
		Cretesia 13657	Lord Dartmouth 6302.
			Daisy Darling 6386.
	Silverhair of C. 19668	Gold Rope 6139	Dudley 3999.
			Warren's Duchess 4622.
		Mary's Silver Drop 14235	Dudley 3999.
			Mary of Bear Lake 6171.

High Spirits of Lawn 61371.—Yield of milk, 208 lbs. 6 oz.; yield of butter, 16 lbs. 9 oz.; test made from May 23 to 30, 1892; age, 3 years and 2 months; estimated weight, 750 lbs.; fed during test, 12 lbs. bran, 16 lbs. corn meal and 4 lbs. cotton-seed meal, daily, in two feeds—wheat and oats pasture; property of Platter & Foster, Denison, Tex.

High Spirits of Lawn 61371	Lord Hugo 15830	Lonis of St. Lambert 11013	Sheldon 5250.
			Mavourneen of St. Lambert 9777.
		Laura of St. Lambert 31116	Lord Lisgar 3d 14337.
			Tidy of St. Lambert 2d 31115.
	High Spirits 35390	Royalty 7210	Pedro 3187.
			Royal Princess 2370.
		Bessie Thornton 15818	Pierce's Dom Pedro 4373.
			Daisy Thornton 14617.

Minnie R. of St. Lambert 61965.—Yield of milk, 235 lbs.; yield of butter, 16 lbs. 9 oz.; test made from May 22 to 29, 1893; age, 5 years and 3 months; estimated weight, 900 lbs.; fed during test, 2 qts. corn meal, 2 qts. oatmeal and 2 qts. bran, daily, in two feeds—clover and timothy pasture; property of Mrs. E. F. Hawley, Pittsford, N. Y.

Minnie R. of St. Lambert 61965	Duke of St. Lambert 16160	Baron of St. Lambert 5286	Stoke Pogis 3d 2238.
			Favorite of St. Lambert 5118.
		Charity of St. Lambert 6638	Stoke Pogis 3d 2238.
			Flora of St. Lambert 5526.
	Minnie Rioter 21336	Greatorex 4218	Rex 1330.
			Maggie Johnson 4546.
		Minnie of Oxford 2d 12818	Stoke Pogis 5th 5987.
			Minnie of Oxford 12806.

No Chemicals 71452.—Yield of milk, 236 lbs. 8 oz.; yield of butter, 16 lbs. 9 oz.; test made from February 21 to 28, 1893; age, 2 years and 8 months; estimated weight, 690 lbs.; fed during test, 24 qts. wheat shorts, 13 qts. ground oats, 15½ qts. corn meal, 15½ qts. cotton-seed meal, 250 lbs. corn ensilage and about 50 lbs. hay; property of J. F. Gulliver, Andover, Mass.

No Chemicals 71452	Prince Pogis 10682	Middlefield Boy 1331	Colt Jr. 825.
			Brighteyes 1517.
		Mary Anne of St. Lambert 9770	Stoke Pogis 3d 2238.
			Lolly of St. Lambert 5480.
	Eulogy 30634	Bomba's Son 8372	Yellow Boy 6381.
			Bomba 10330.
		Lady of Kassassin 18191, imp. (F. S. 3808 J. H. B.)	

Paradox 65003.—Yield of milk, 234 lbs. 11 oz.; yield of butter, 16 lbs. 9 oz.; test made from November 3 to 10, 1892; age, 4 years and 9 months; estimated weight, 800 lbs.; fed during test, 4 qts. ground oats, corn meal and oil meal three times daily—hay and pasture; property of Richardson Bros., Davenport, Iowa.

- Paradox 65003
  - Upright 6147
    - Boton 4328
      - One Ton 2000.
      - Boma 4834.
    - Symbol 6136
      - Lord Lawrence 1414.
      - Empresa 2790.
  - Miss Madrid 49419
    - Combination 2d 16957
      - Combination 4389.
      - Goodbye 27366.
    - Period 42640
      - Combination 4389.
      - Coma 29330.

Susie Pogis 35425.—Yield of milk, 245 lbs. 15 oz.; yield of butter, 16 lbs. 9 oz.; test made from March 2 to 9, 1890; age, 4 years and 6 months; estimated weight, 800 lbs.; fed during test, 28 qts. corn meal, 56 qts. bran and shorts, 14 qts. cotton-seed meal and 210 lbs. ensilage—hay, winter rye pasture; property of James Crook, Jacksonville, Ala.

- Susie Pogis 35425
  - Prince of Melrose 2d 11015
    - Prince of Melrose 4819.
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Susie B. of Springvale 24986
    - Jersey King 9458 (P. S. 345 J. H. B.)
      - Farmer's Glory 5196.
      - Violet (F. S. 997 J.H.B.)
    - Atlanta 2d 24011
      - Bobby (P. S. 243 J.H.B.)
      - Atlanta 14618, imp.

Chief's Malita 25186.—Yield of milk, 190 lbs. 4 oz.; yield of butter, 16 lbs. 8½ oz.; test made from June 20 to 27, 1892; age, 8 years and 3 months; actual weight, 900 lbs.; fed during test, 115 lbs. grain (estimated)—short, rich blue grass pasture; property of S. H. Godman, Muncie, Ind.

- Chief's Malita 25186
  - Sultan Chief 3216
    - Indian 1721
      - Vespucius 758.
      - Ibex 2724.
    - Evabel 5251
      - Top-Sawyer 1404.
      - Beleva 2677.
  - Maffie 2d 4939
    - Jachin 1220
      - Yankee 1003.
      - Jennie 3d 2244.
    - Maffie 952
      - Clive 319.
      - Plenty 950.

Analysis 29162.—Yield of milk, 234 lbs. 7 oz.; yield of butter, 16 lbs. 8 oz.; test made from January 15 to 22, 1892; age, 8 years; estimated weight, 750 lbs.; fed during test, 2 gals. corn meal, 3 gals. boiled cotton-seed, 2 gals. bran—ensilage and clover hay; property of Matthews & Moore, Huntsville, Ala.

- Analysis 29162
  - Surpry 2d (P. S. 459 J. H. B.)
    - Royal Orange Peel 14355 (P. S. 288 J. H. B.)
      - Duke (F. S. 237 J. H. B.)
      - Young Rose 2d (P. S. 202 J. H. B.)
    - Angelica 2d (P. S. 427 J. H. B.)
      - Cato (P. S. 178 J. H. B.)
      - Angelica (F. S. 1738 J. H. B.)
  - Ava (F. S. 6217 J. H. B.)

Daretta 62579.—Yield of milk, 217 lbs. 5 oz.; yield of butter, 16 lbs. 8 oz.; test made from November 11 to 18, 1889; age, 3 years and 10 months; estimated weight, 800 lbs.; fed during test, 15 qts. chop, corn meal, oatmeal and pea meal, daily, in three feeds—plenty of hay; property of Richardson Bros., Davenport, Iowa.

- Daretta 62579
  - Upright 6147
    - Boton 4328
      - One Ton 2000.
      - Boma 4834.
    - Symbol 6136
      - Lord Lawrence 1414.
      - Empresa 2790.
  - Modita 16626
    - Tony Calypso 3354
      - One Ton 2000.
      - René Calypso 3205.
    - Laura Lee 8550
      - Von Bismarck 2d 1779.
      - Effie 1211.

Katy Signal 2d 44673.—Yield of milk, 244 lbs. 8 oz.; yield of butter, 16 lbs. 8 oz.; test made from March 15 to 22, 1892; age, 5 years and 6 months; actual weight, 850 lbs.; fed during test, 8 lbs. wheat bran, 2 lbs. corn meal, 2 lbs. oil meal, 1½ lbs. cotton-seed meal daily, also 210 lbs. ensilage and 120 lbs. hay during test—poor clover pasture; property of Mrs. Kate M. Busick, Wabash, Ind.

- Katy Signal 2d 44673.
  - Pauline's Stoke Pogis 11859
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259. imp.
      - Marjoram 3239, imp.
    - Pauline 3d 8296
      - Lord Lisgar 1066.
      - Pauline 494.
  - Katy Signal 24690
    - Chief of the Miamis 2958
      - Signal 1170.
      - Annie Lachaise 3961.
    - Ire Hudson 12316
      - Yantic 3963.
      - Flora Hudson 1041.

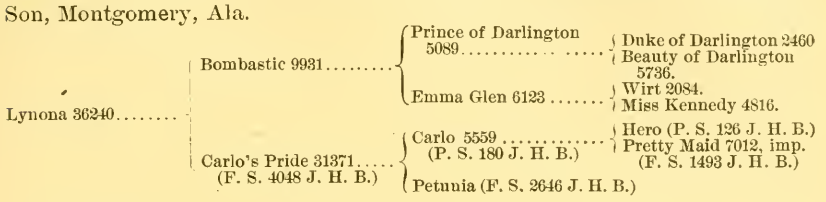
Kitty Kringel 57120.—Yield of milk, 229 lbs. 12 oz.; yield of butter, 16 lbs. 8 oz.; test made from January 20 to 27, 1893; age, 5 years and 5 months; estimated weight, 750 lbs.; fed during test, 6 lbs. feed (corn ground on cob, with ⅕ oats) and 1½ lbs. oil meal daily—hay; property of Mrs. Evirilla Sherman Walsh, Granville, N. Y.

- Kitty Kringel 57120.
  - Sir Pedro Pogis 16010
    - Rioter's Combination 10363
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483, imp.
    - Anecdote 12119
      - Pedro 3187.
      - Rarity 5923.
  - Kitty of Cedar Glen 10948
    - Fitz 1988
      - Pagan 1800.
      - Canary Bird 2d 4264.
    - Kitty Parks 3765, imp.

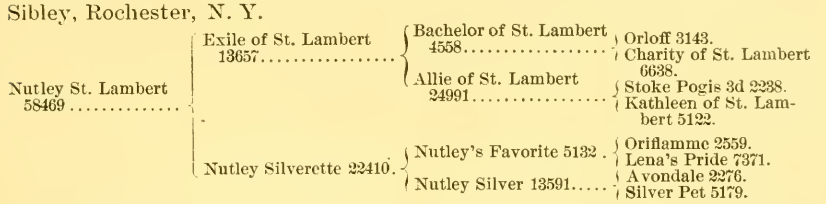
Landseer's Content 56985.—Yield of milk, 232 lbs. 2 oz.; yield of butter, 16 lbs. 8 oz.; test made from June 8 to 15, 1893; age, 4 years and 11 months; estimated weight, 900 lbs.; fed during test, 8 qts. wheat bran, 4 qts. corn meal and 2 qts. cotton-seed meal daily—good mixed pasture; property of George V. Green, Hopkinsville, Ky.

- Landseer's Content 56985
  - Fancy's Landseer 12996.
    - Beaconsfield 3416
      - Top-Sawyer 1404.
      - Brunette Lass 1780.
    - Landseer's Fancy 2876.
      - Landseer 331.
      - Young Fancy 97.
  - Content of Linwood 6950, imp.

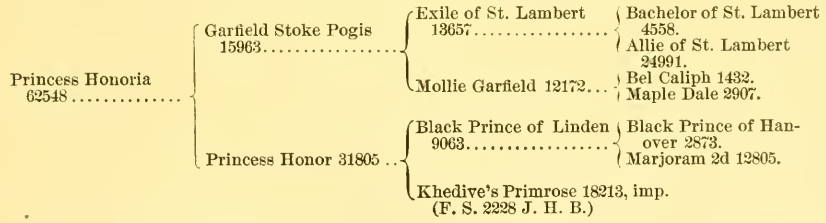
Lynona 36240.—Yield of milk, 156 lbs. 4 oz.; yield of butter, 16 lbs. 8 oz.; test made from September 22 to 29, 1888; age, 3 years and 1 month; estimated weight, 800 lbs.; fed during test, 56 qts. corn bran, 14 qts. cotton-seed meal and 14 qts. corn meal—poor pasture; property of A. J. Hawes & Son, Montgomery, Ala.



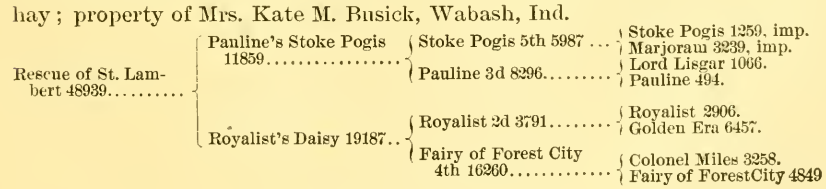
Nutley St. Lambert 58469.—Yield of milk, 202 lbs.; yield of butter, 16 lbs. 8 oz.; test made from December 22 to 29, 1892; age, 4 years and 3 months; estimated weight, 1,050 lbs.; fed during test, 84 qts. corn meal, 147 qts. bran, 21 qts. oil meal, 84 lbs. hay and 105 lbs. roots; property of R. A. Sibley, Rochester, N. Y.



Princess Honoria 62548.—Yield of milk, 167 lbs. 8 oz.; yield of butter, 16 lbs. 8 oz.; test made from November 5 to 12, 1892; age, 2 years and 11 months; estimated weight, 845 lbs.; fed during test, 56 lbs. cut corn fodder, 7 lbs. corn meal, 14 lbs. gluten meal, 14 lbs. bran, 7 lbs. linseed meal, 56 lbs. hay and 210 lbs. roots; property of Est. of Frederick Billings, Woodstock, Vt.



Rescue of St. Lambert 48939.—Yield of milk, 181 lbs. 12 oz.; yield of butter, 16 lbs. 8 oz.; test made from November 23 to 30, 1893; age, 6 years and 10 months; estimated weight, 850 lbs.; fed during test, 16 qts. bran, 8 qts. ground oats and corn, 2 qts. old process oil meal and 35 lbs. cut clover hay; property of Mrs. Kate M. Busick, Wabash, Ind.



Tormendova 74885.—Yield of milk, 206 lbs.; yield of butter, 16 lbs. 8 oz.; test made from July 15 to 22, 1893; age, 2 years and 2 months; estimated weight, 650 lbs.; fed during test, 8 lbs. corn-hearts and 6 lbs. ground oats, mixed, twice daily; property of Campbell Brown, Spring Hill, Tenn.

- Tormendova 74885...
  - Odelio 20223.....
    - Ida's Stoke Pogis 13658.
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990
    - Odelle Sales 15564.....
      - Tormentor 3533.
      - Oonan 1485.
  - Tormentor's Bloomfield 55530.....
    - Tormentor 3533.....
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Signalda Bloomfield 30694.....
      - Signalda 4027.
      - Duchess of Bloomfield 3d 15580.

Blossom's Niobe 13855.—Yield of milk, 243 lbs. 13 oz.; yield of butter, 16 lbs. 7½ oz.; test made from October 17 to 24, 1893; age, 14 years and 4 months; estimated weight, 1,000 lbs.; fed during test, 14 gals. corn bran, 28 qts. cotton-seed meal and 28 qts. corn chop, mixed, with cotton-seed hulls; property of A. J. Hawes & Son, Montgomery, Ala.

- Blossom's Niobe 13855
  - Duffee 2083.....
    - Aldine 1136.....
      - Nelusko 479.
      - Gazelle of Mobile 1735, imp.
    - Mollie Horton 1734, imp.
  - Niobe Hampton 5343...
    - Hampton Duke 1355....
      - Orange Peel 864, imp.
      - Browney 2184, imp.
    - Niobe 4th 509.....
      - Iron Duke 18.
      - Niobe 99, imp.

Ashantee's Brunette 65946.—Yield of milk, 185 lbs. 8 oz.; yield of butter, 16 lbs. 7 oz.; test made from May 27 to June 3, 1893; age, 3 years and 8 months; estimated weight, 800 lbs.; fed during test, 70 lbs. bran, 30 lbs. oil meal and 60 lbs. corn meal; property of Cornelius Easthope, Niles, Ohio.

- Ashantee's Brunette 65946.....
  - King of Ashantee 6677..
    - Fairfield 4733.....
      - Commander in Chief 3035.
      - Cosette 3874.
    - Coomassie 11874..... (F. S. 1442 J. H. B.)
      - Neptune (P. S. 14 J. H. B.)
      - Jersey Pride (F. S. 1716 J. H. B.)
  - Brunette Star 27270.....
    - Cicero 7657..... (P. S. 266 J. H. B.)
      - Happy (P.S. 211 J.H.B.)
      - Fleur De l'Air 12702. (F. S. 1736 J. H. B.)
    - Brunette..... (P. S. 101 J. H. B.)
      - Gambetta (P. S. 51 J. H. B.)
      - Fly (F. S. 815 J. H. B.)

Dew 62474.—Yield of milk, 181 lbs.; yield of butter, 16 lbs. 7 oz.; test made from May 29 to June 5, 1893; age, 4 years and 2 months; actual weight, 940 lbs.; fed during test, 6 qts. corn meal, 6 qts. ground oats and 4 qts. ground oil-cake daily—good old meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Dew 62474.....
  - Ida's Rioter of St. L. 13656.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Lady Appel 8612.....
    - Young St. Martin 2219.
      - St. Martin 1482.
      - Bella 5354.
    - Isolda 5900.....
      - Mahopac 1161.
      - Victoria 2980.

Pomona's Violetta Pogis 56246.—Yield of milk, 208 lbs.; yield of butter, 16 lbs. 7 oz.; test made from January 1 to 8, 1892; age, 3 years and 5 months; estimated weight, 825 lbs.; fed during test, 2 lbs. oil meal, 2 lbs. pea meal, 8 lbs. oatmeal and 8 lbs. corn meal daily—90 lbs. hay, 2 bushels roots and 140 lbs. ensilage during test; property of Ayer & McKinney, Philadelphia, Pa.

- Pomona's Violetta Pogis 56246
  - Diana's Rioter 10481
    - Sir George of St. Lambert 6036
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483, imp.
    - Diana of St. Lambert 6636
      - Stoke Pogis 3d 2238.
      - Pet of St. Lambert 5123.
  - Stoke Pogis' Violetta 32684
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Violet 3d 3240, imp.

Shiloh Daughter 20378.—Yield of milk, 254 lbs.; yield of butter, 16 lbs. 7 oz.; test made from June 3 to 10, 1893; age, 11 years and 1 month; estimated weight, 900 lbs.; fed during test, 70 lbs. bran, 64 lbs. corn meal and 40 lbs. oil meal—meadow and woods pasture; property of Cornelius Easthope, Niles, Ohio.

- Shiloh Daughter 20378
  - Chatelaine's Dayton 5311
    - Dayton 1635
      - Bronx Bashan 145.
      - Beauty Blücher 308.
    - Chatelaine 1916
      - Tancred 501.
      - Lady Ella 1146, imp.
  - Amber of Cottage Grove 14225
    - Bazoo 3d 6550
      - Bazoo 2832.
      - Red Top 7156.
    - Miss Grundy 8174
      - Butter-Stamp 700.
      - Stella Dunbar 2585.

Snow Bank 75184.—Yield of milk, 198 lbs.; yield of butter, 16 lbs. 7 oz.; test made from August 6 to 13, 1893; age, 2 years and 11 months; actual weight, 900 lbs.; fed during test, 56 qts. corn meal, 56 qts. ground oats and 28 qts. ground oil-cake; property of Miller & Sibley, Franklin, Pa.

- Snow Bank 75184
  - Ida's Rioter of St. L. 13656
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Rho A. Pogis 39269
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Rho A. 16950
      - Duke of Belmont 4478.
      - Rhodora 2d 1321.

Yum Yum Signal 40688.—Yield of milk, 198 lbs. 12 oz.; yield of butter, 16 lbs. 7 oz.; test made from November 8 to 15, 1891; age, 6 years and 3 months; estimated weight, 900 lbs.; fed during test, 94 lbs. corn meal, 70 lbs. bran and 70 lbs. oats—clover, timothy and blue grass pasture; property of Hall & Harris, Rushville, Ind.

- Yum Yum Signal 40688
  - Signal's Laddie 11100
    - Chief of the Miamis 2958
      - Signal 1170.
      - Annie Lachaise 3961.
    - Goldie C. 8104
      - Gold Prince 2181.
      - Acacia 1162.
  - Odette 13668
    - Murphy 4115
      - Orange Bud 2978.
      - Brown Gipsy 2d 5095.
    - Brunette Queen 2d 13661
      - Charlie Kittredge 1247.
      - Brunette Queen 11835.

Aurated Pogis 2d 65666.—Yield of milk, 280 lbs. 5 oz.; yield of butter, 16 lbs. 6 oz.; test made from October 8 to 15, 1893; age, 4 years and 8 months; estimated weight, 850 lbs.; fed during test, 28 qts. ship feed, 28 qts. corn meal, 14 qts. ground oats and about 7 bushels cut corn-stalks—upland, timothy and clover pasture; property of H. G. Westlake, Hillsdale, N. Y.

- Aurated Pogis 2d 65666
  - King of St. Lambert 2d 17823
    - King of St. Lambert 15175
      - Ida's Rioter of St. L. 13656.
      - Allie of St. Lambert 24991.
    - Miss May of St. Lambert 37084
      - Rubano 8806.
      - May Day Stoke Pogis 28353.
  - Aurated Pogis 48220
    - Lucy's Stoke Pogis 11544
      - Stoke Pogis 3d 2238.
      - Lucy of St. Lambert 5116
    - Lily of Riverside 19599.
      - Blossom's Tennessee 6060.
      - Lily of Oxford 12820.

Belle of Rydal Grange 41787.—Yield of milk, 232 lbs.; yield of butter, 16 lbs. 6 oz.; test made from June 24 to July 1, 1892; age, 7 years and 5 months; estimated weight, 900 lbs.; fed during test, clover pasture only; property of Mrs. J. R. Sherman Walsh, Pawlet, Vt.

- Belle of Rydal Grange 41787
  - Romp's Tormentor 7126
    - Tormentor 3533
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Romp Ogden 3d 5458
      - Top-Sawyer 1404.
      - Romp Ogden 1571.
  - Miss Peggotty 14593
    - Eastern Flash 3618
      - Flash 2532.
      - Brightness 2211.
    - Princess of Mansfield 8070
      - Pierrot 2d 1669.
      - Flirt 482.

Donnona's Nectarine 40093.—Yield of milk, 277 lbs. 2 oz.; yield of butter, 16 lbs. 6 oz.; test made from March 17 to 24, 1891; age, 6 years and 10 months; actual weight, 850 lbs.; fed during test, 70 lbs. corn chop, 70 lbs. wheat bran and shorts, 35 lbs. new process oil meal, mixed, with chopped oat sheaves, salted and slightly wetted with warm water—clover hay *ad lib.*; property of George E. McGill, Leavenworth, Kan.

- Donnona's Nectarine 40093
  - Champion Albert 6023
    - Champion of America 1567
      - May Boy 705.
      - Pansy 1019.
    - Kitty Colt 2213
      - Albert 44.
      - Kittie Lightfoot 2d 1300.
  - Donnona 10120
    - Rossiter 1472
      - Pilot Jr. 141.
      - Rosa 122
    - Bonita Snowdrop 5775
      - Jack Horner 514.
      - Snowdrop 569.

Pride of Bay View 61997.—Yield of milk, 190 lbs. 6 oz.; yield of butter, 16 lbs. 6 oz.; test made from December 21 to 28, 1892; age, 4 years and 11 months; estimated weight, 525 lbs.; fed during test, 245 lbs. corn refuse, 245 lbs. ensilage, 35 lbs. malt sprouts, 14 lbs. linseed meal and 21 lbs. hay; property of Charles Lautz, Buffalo, N. Y.

- Pride of Bay View 61997
  - Chief 10663
    - Mercury 432
      - Jupiter 93.
      - Alphea 171.
    - Lady Love 2d 2212
      - Albert 44.
      - Lady Love 1315.
  - Allie L. 32073
    - Rex Blossom 9379
      - Seneca Chief 4098.
      - Minnie B. Rex 9256.
    - Ellenetta 9446
      - Minstrel 1503.
      - Elleneve 2d 3546.

Queen of Pomona 56250.—Yield of milk, 188 lbs. 8 oz.; yield of butter, 16 lbs. 6 oz.; test made from August 5 to 12, 1891; age, 2 years and 4 months; estimated weight, 760 lbs.; fed during test, 36 lbs. corn meal, 48 lbs. oatmeal, 28 lbs. bran, 19 lbs. pea meal and 19 lbs. oil meal—dry pasture and green oats and peas; property of Ayer & McKinney, Philadelphia, Pa.

- Queen of Pomona 56250
  - Ida of St. Lambert's Bull 19169
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - St. Lambert's Violet 25278
    - Stunner 9679
      - Linden Butter Boy 5982.
      - Violet 3d 3240.
    - Lily of St. Lambert 5120
      - Laval 506.
      - Pride of Windsor 483, imp.

Mulford's Lizzie Walker 50213.—Yield of milk, 229 lbs. 10 oz.; yield of butter, 16 lbs. 5 oz.; test made from May 7 to 14, 1893; age, 6 years; estimated weight, 850 lbs.; fed during test, 25 qts. oatmeal, 28 qts. corn meal, 10 qts. oil meal, 35 qts. bran and 1 bushel roots—clover and timothy pasture; property of Mrs. E. F. Hawley, Pittsford, N. Y.

- Mulford's Lizzie Walker 50213
  - Broadsword 7149
    - Cyprian 6700
      - Mercury 432.
      - Proserpine 1184.
    - Allophane 5142
      - Bismarck 1423.
      - Proserpine 1184.
  - Lizzie Walker 10134
    - Pierrot 7th 1667
      - Pierrot 636.
      - Pet 811.
    - Julia Walker 10133
      - Pierrot 2d 1669.
      - Fannie Landseer 1969.

Onwa 59628.—Yield of milk, 247 lbs. 15 oz.; yield of butter, 16 lbs. 5 oz.; test made from July 1 to 8, 1892; age, 3 years and 1 month; estimated weight, 775 lbs.; fed during test, 12 qts. ground oats, corn and oil meal, daily, in three feeds—good pasture; property of Richardson Bros., Davenport, Iowa.

- Onwa 59628
  - Diploma 16219
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Frankie's Lass 24900
      - Cobden 1871.
      - Frankie 5th 3542.
  - Oneida 2d 43553
    - Combination 3d 17576
      - Combination 4389.
      - Coma 29330.
    - Oneida 42100
      - Combination 4389.
      - Doe 3061.

Mary M. Pogis 32455.—Yield of milk, 204 lbs.; yield of butter, 16 lbs. 4½ oz.; test made from June 28 to July 5, 1891; age, 6 years and 2 months; estimated weight, 1,060 lbs.; fed during test, 16 qts. grain daily—equal parts corn meal, ground oats and oil meal—good old meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Mary M. Pogis 32455
  - Stoke Pogis 5th 5987
    - Stoke Pogis 1259, imp.
    - Marjoram 3239, imp.
  - Mary M. Allison 6308
    - Earl of Willow Glen 2043
      - Majestic 2d 1201.
      - Queechy 3827.
    - Traviata 3253
      - Mogul 532, imp.
      - Niobe 3d 506.

Daisy of Dryden 77778.—Yield of milk, 196 lbs. 8 oz.; yield of butter, 16 lbs. 4 oz.; test made from December 20 to 27, 1893; age, 4 years and 10 months; estimated weight, 975 lbs.; fed during test, 12 qts. daily of a mixture of oats, peas, barley and corn in about equal parts—clover hay, cabbage; property of E. G. Youmans, Groton, N. Y.

Daisy of Dryden 77778	Georgia 10606	Count St. George 8403	Sir George 7656 (P. S. 221 J. H. B.)
			St. Clementaise 18163 (F. S. 917 J. H. B.)
		Elda 22052	Sir George 7656 (P. S. 221 J. H. B.)
			Dryandva (F. S. 1977 J. H. B.)
	Daisy of Chenango 18582	Prince of Sidney 2665	Noble 901.
			Dahlia of Babylon 2346.
		Daisy 684	Jersey Boy 372.
			Diana 672.

Fancy's Pet 36013.—Yield of milk, 165 lbs.; yield of butter, 16 lbs. 4 oz.; test made from September 3 to 10, 1893; age, 9 years and 4 months; estimated weight, 900 lbs.; fed during test, 56 qts. ground oats and 56 qts. corn meal—little hay, short pasture; property of Morgan & Brown, Columbia, Tenn.

Fancy's Pet 36013	Fancy's Landseer 12996	Beaconsfield 3416	Top-Sawyer 1404.
			Brunette Lass 1780.
		Landseer's Fancy 2876	Landseer 331.
			Young Fancy 97.
	Dovie of Linwood 6857	Rector 1458	Pertinatti 713.
			Roxana 2d 2532.
		Lady Dove 4418	Clifton Dasher 1119.
			Nellie 4th 1941.

Katie Putnam 40366.—Yield of milk, 207 lbs. 6 oz.; yield of butter, 16 lbs. 4 oz.; test made from February 19 to 26, 1890; age, 3 years and 10 months; estimated weight, 700 lbs.; fed during test, 56 qts. ground oats, 28 qts. cotton-seed meal, 28 qts. corn meal and 30 lbs. ensilage—hay, good winter rye pasture; property of James Crook, Jacksonville, Ala.

Katie Putnam 40366	Prince of Melrose 2d 11015	Prince of Melrose 4819	Stoke Pogis 3d 2238.
			Princess of St. Lambert 5484.
		Princess of St. Lambert 5484	Buffer 2055.
			Juno of St. Lambert 5110
	Lass de Grantez 26673	Duke of Grantez (P. S. 410 J. H. B.)	Lord of the Manor (P. S. 294 J. H. B.)
			Edith (F. S. 1597 J. H. B.)
		Cream Lily 24015	Silver (P. S. 287 J. H. B.)
			Lutitia (F. S. 2919 J. H. B.)

Proctor's Belle 47106.—Yield of milk, 186 lbs.; yield of butter, 16 lbs. 4 oz.; test made from December 14 to 21, 1890; age, 3 years and 11 months; actual weight, 690 lbs.; fed during test, 10 lbs. corn meal, 4 lbs. linseed meal, 5 lbs. ground oats, 10 lbs. hay, 15 lbs. ensilage and 6 qts. beets daily; property of T. R. Proctor, Utica, N. Y.

Proctor's Belle 47106	Bunker 9025	Stoke Pogis 5th 5987	Stoke Pogis 1259, imp.
			Marjoram 3239, imp.
		Sallie Bunker 1426, imp.	
	Stella's Pride 16855	William Stub 6588	Vernon 1071.
			Beautiful One 2622.
		Maid of the Valley 16556	Vernon 1071.
			Aulinda 14780.

Ribbon's Matilda 66109.—Yield of milk, 202 lbs. 8 oz.; yield of butter, 16 lbs. 4 oz.; test made from October 11 to 18, 1893; age, 4 years and 10 months; actual weight, 800 lbs.; fed during test, 56 qts. ground oats, 42 qts. corn meal and 14 qts. ground oil-cake—meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Ribbon's Matilda 66109
  - Matilda 4th's Son 20214
    - Ida's Rioter of St. L. 13656
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Matilda 4th 12816
      - Stoke Pogis 1259, imp.
      - Matilda 3238, imp.
  - Ribbon of St. Lambert 39450
    - Ida's Rioter of St. L. 13656
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Ribbon's Fawn 26907
      - Adam Orris 7355.
      - Ribbon 2d 14915.

Sasanda 50075.—Yield of milk, 212 lbs.; yield of butter, 16 lbs. 4 oz.; test made from June 10 to 17, 1891; age, 3 years and 8 months; estimated weight, 850 lbs.; fed during test, 16 lbs. corn-hearts and 4 lbs. bran, mixed, daily—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Sasanda 50075
  - Tormentor 3533 (F. S. 259 J. H. B.)
    - Khedive (P. S. 103 J. H. B.)
      - Leo (F. S. 198 J. H. B.)
      - Coomassie 11874 (F. S. 1442 J. H. B.)
    - Angela (F. S. 1607 J. H. B.)
  - Sirona 2d 38011
    - Tormentor 3533 (F. S. 259 J. H. B.)
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Sirona 27128
      - Signalda 4027.
      - Signalinea 16336.

Temalema 2d 82411.—Yield of milk, 218 lbs. 8 oz.; yield of butter, 16 lbs. 4 oz.; test made from April 12 to 19, 1893; age, 3 years and 7 months; estimated weight, 750 lbs.; fed during test, 8 qts. ground oats, 8 qts. corn meal and 4 qts. wheat bran, daily, in two feeds—ordinary pasture; property of C. Morgan, Columbia, Tenn.

- Temalema 2d 82411
  - Landseer's Pogis 15847
    - Pogis Chief 3998
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Landseer's Fancy 2876
      - Landseer 331.
      - Young Fancy 97.
  - Temalema 44761
    - Fancy's Harry 9777
      - Lord Harry 3445.
      - Landseer's Fancy 2876.
    - Pearl's Oonan 32288
      - Oonan's Rajah 8965.
      - Pearl Button 10372.

Hermosa Pogis 40369.—Yield of milk, 166 lbs. 14 oz.; yield of butter, 16 lbs. 3½ oz.; test made from February 13 to 20, 1890; age, 3 years and 8 months; estimated weight, 700 lbs.; fed during test, 42 qts. corn meal, 42 qts. ground oats, 28 qts. raw cotton-seed meal and 30 lbs. ensilage—hay, good pasture; property of James Crook, Jacksonville, Ala.

- Hermosa Pogis 40369.
  - Prince of Melrose 2d 11015
    - Prince of Melrose 4819
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Litta Oaks' Alphea 26676
    - Alpheus of Springvale 5645
      - Auchentoroly 3494.
      - Canobie 6364.
    - Litta Oaks 19734, imp. (F. S. 2975 J. H. B.)

May Day 60451.—Yield of milk, 179$\frac{9}{10}$ lbs.; yield of butter, 16 lbs. 3½ oz.; test made from June 14 to 21, 1892; age, 3 years and 1 month; actual weight, 870 lbs.; fed during test, 56 qts. corn meal, 14 qts. wheat bran, 28 qts. ground oats, 12 qts. fine middlings and 14 lbs. hay—also green oats and peas; property of Mrs. L. B. Hall, Scottsville, N. Y.

- May Day 60451
  - Exile of St. Lambert 23d 20712
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Cassia 2d 21370
      - Yankee 1003.
      - Cassia 3615.
  - Marilla of St. Lambert 31809
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Duchess Lurlene 9048
      - Pontiff 2120.
      - Betsy Trotwood 9047.

Rosa of Frisby Hill 36080.—Yield of milk, 216 lbs. 4 oz.; yield of butter, 16 lbs. 3¼ oz.; test made from January 26 to February 2, 1891; age, 6 years and 10 months; actual weight, 1,050 lbs.; fed during test, 7 lbs. yellow meal, 4 lbs. wheat bran, 1 lb. oil meal, 25 lbs. corn ensilage, 5 lbs. cut hay and 5 lbs. roots daily; property of S. K. Schwenk, Marconnier, N. J.

- Rosa of Frisby Hill 36080
  - Statesman Jr. 7328
    - Statesman 2407
      - Cæsarea (F. S. 214 J. H. B.)
      - Sylvie Simon 4534. imp.
    - Baxter's Nankeen 7593
      - On I. of J.
      - Grosse Cone (F. S. 573 J. H. B.)
  - Minnie Sayre 16006
    - Statesman 2407
      - Cæsarea (F. S. 214 J. H. B.)
      - Sylvie Simon 4534. imp.
    - Sister K. 2d 10468
      - St. Martin 1482.
      - Sister K. 7260.

Allie's Leaf 45617.—Yield of milk, 228 lbs. 12 oz.; yield of butter, 16 lbs. 3 oz.; test made from November 8 to 15, 1891; age, 5 years and 5 months; estimated weight, 750 lbs.; fed during test, 22 lbs. ship stuff daily—hay, fair pasture; property of George M. Jewett, Glenville, Md.

- Allie's Leaf 45617
  - King Allie 14290
    - King of Ashantee 6677
      - Fairfield 4733.
      - Coomassie 11874.
    - Allie Minka 2d 18989
      - Tormentor 3533.
      - Allie Minka 2982.
  - Geranium Leaf 30875
    - Chief of the Miamis 2958
      - Signal 1170.
      - Annie Lachaise 3961.
    - Geranium 2d 7838
      - Signal 1170.
      - Geranium 3963.

Countess Stoke Pogis 62540.—Yield of milk, 194 lbs. 8 oz.; yield of butter, 16 lbs. 3 oz.; test made from June 5 to 12, 1892; age, 3 years and 1 month; estimated weight, 850 lbs.; fed during test, 56 lbs. cut corn fodder, 7 lbs. corn meal, 14 lbs. gluten meal, 14 lbs. bran, 7 lbs. linseed meal, 56 lbs. hay and 210 lbs. roots; property of Est. of Frederick Billings, Woodstock, Vt.

- Countess Stoke Pogis 62540
  - Garfield Stoke Pogis 15963
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Mollie Garfield 12172
      - Bel Caliph 1432.
      - Maple Dale 2907.
  - Countess Snap Pogis 36807
    - Marjoram's Snap Pogis 13502
      - Le Brocq's Prize 3350.
      - Marjoram 2d 12805.
    - Countess Bronx 2d 24498
      - Rex Heir 6164.
      - Countess Bronx 14039.

Felsticea 17083.—Yield of milk, 245 lbs. 14 oz.; yield of butter, 16 lbs. 3 oz.; test made from May 25 to June 1, 1886; age, 3 years and 10 months; fed during test, 76½ lbs. oats and barley (equal parts, ground together), 54 lbs. corn meal and 8 lbs. wheat bran—short prairie grass; property of J. J. Gardner, Sibley, Iowa.

- Felsticea 17083
  - Squire Deerfoot 7835
    - Vanantrim 7391
      - St. Thomas 3539.
      - Violet 272.
    - Daisy of Deerfoot 3d 4932
      - Albion 490.
      - Daisy of Deerfoot 3182.
  - Olie's Lady Teazle 12307
    - Nero Chief 2d 4217
      - Nero Chief 2951.
      - Dolly Newell 4254.
    - Olie's May Bell 6567
      - Pequaboc Chief 2662.
      - Olie 4133.

Lenore H. 2d 29767.—Yield of milk, 294 lbs. 8 oz.; yield of butter, 16 lbs. 3 oz.; test made from April 22 to 29, 1893; age, 8 years and 5 months; estimated weight, 800 lbs.; fed during test, 2 lbs. cotton-seed meal, 3 lbs. Chicago cream gluten, 3 lbs. corn meal, 3 lbs. spring wheat bran, mixed, with 35 lbs. corn ensilage, in two feeds, daily—also 10 lbs. clover hay; property of E. S. Henry, Rockville, Conn.

- Lenore H. 2d 29767
  - Duke Thorne 7020
    - Dido's Duke 4678
      - Duke of Darlington 2460
      - Dido 1234.
    - Lodeska 10462
      - Niobe Duke 2364.
      - Lucy K. 5262.
  - Lenore H. 15798
    - Duke of Haughton 5856.
      - Pierrot 7th 1667.
      - Dian 874.
    - Flora Hudson 1041
      - Gen. Grant 47.
      - Rose Hudson 125. imp.

Mayhegtal 64454.—Yield of milk, 246 lbs. 5 oz.; yield of butter, 16 lbs. 3 oz.; test made from June 4 to 11, 1893; age, 4 years and 4 months; estimated weight, 875 lbs.; fed during test, 56 qts. bran, 28 qts. corn meal, 14 qts. oil meal—blue grass pasture; property of Henry DuBois, Vigo, Ohio.

- Mayhegtal 64454
  - Romp's Torment 8789
    - Tormentor 3533 (F. S. 259 J. H. B.)
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Romp Ogden 3d 5458
      - Top-Sawyer 1404.
      - Romp Ogden 1571.
  - Nerviona 43678
    - Catonoson 9667
      - Catono 3761.
      - Little Han 8004.
    - Nervine 25932
      - Tisquantum (P. S. 262 J. H. B.)
      - La Rouge (P. S. 45 J. H. B.)

Melrose Milly 61917.—Yield of milk, 222 lbs. 2 oz.; yield of butter, 16 lbs. 2½ oz.; test made from May 27 to June 3, 1892; age, 4 years and 7 months; estimated weight, 700 lbs.; fed during test, 42 lbs. bran, 14 lbs. cotton-seed meal, 14 lbs. cotton-seed and 49 lbs. corn, oats and peas, ground—good Bermuda and clover pasture; property of M. Lothrop, Marshall, Tex.

- Melrose Milly 61917
  - Prince of Melrose 4819
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259. imp.
      - Marjoram 3239, imp.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110
  - Melrose Princess 40343
    - Prince of Melrose 4819
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Southern Belle 18570
      - Lord Longford 3997.
      - Romp Ogden 2d 4764.

Cream Caroline 17357.—Yield of milk, 252 lbs. 8 oz.; yield of butter, 16 lbs. 2 oz.; test made from January 16 to 23, 1893; age, 10 years and 9 months; estimated weight, 1,000 lbs.; fed during test, 14 lbs. cotton-seed meal, 14 lbs. Chicago gluten meal, 21 lbs. coarse wheat bran, 21 lbs. corn and cob meal, 250 lbs. corn ensilage and 70 lbs. chopped clover hay, daily, in two feeds; property of E. S. Henry, Rockville, Conn.

- Cream Caroline 17357.
  - McHenry 5890
    - Lord Charlton 5463
      - Baritone 1075.
      - Asia 2161.
    - Delle 3789
      - Matchem 747.
      - Honesty 2147.
  - Charlton Caroline 11724
    - Baritone 1075
      - Euclid 520.
      - Lady Mary 1148, imp.
    - Caroline 2d 2019
      - On I. of J.
      - Caroline 2738, imp.

Exile's Lulu 49984.—Yield of milk, 328 lbs. 8 oz.; yield of butter, 16 lbs. 2 oz.; test made from February 16 to 23, 1891; age, 4 years and 3 months; estimated weight, 850 lbs.; fed during test, about 20 lbs. daily of a mixture composed of $\frac{1}{6}$ oil meal, $\frac{1}{3}$ corn meal and $\frac{1}{2}$ bran, also about 20 lbs. beets daily—hay and ensilage; property of Pierce J. Cogswell, Rochester, N. Y.

- Exile's Lulu 49984...
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Yankee Girl 2d 29261...
    - Catoctin 2692
      - Silverlocks Jr. 699.
      - Clifton Fairy 3265.
    - Yankee Girl 24832
      - Sankey 1991.
      - Cassia 2d 21370.

Fall Leaf's Heiress 54454.—Yield of milk, 210 lbs. 10 oz.; yield of butter, 16 lbs. 2 oz.; test made from May 16 to 23, 1893; age, 6 years and 2 months; estimated weight, 850 lbs.; fed during test, 17½ gals. corn meal, 17½ gals. bran, 3½ gals. cotton-seed meal and 5¼ gals. cob meal—Bermuda grass; property of M. Lothrop, Marshall, Tex.

- Fall Leaf's Heiress 54454.....
  - Prince of Melrose 4819..
    - Stoke Pogis 3d 2238....
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Princess of St. Lambert 5484.....
      - Buffer 2055.
      - Juno of St. Lambert 5110
  - Fall Leaf 2d 25171.....
    - Sir Signal 3018.....
      - Signal 1170.
      - Rhoda 1102.
    - Fall Leaf 8587.....
      - Lord Lawrence 1414.
      - Sunny South 6830.

Lord Fife's Joliette 30591.—Yield of milk, 172 lbs. 10 oz.; yield of butter, 16 lbs. 2 oz.; test made from April 19 to 26, 1891; age, 9 years; estimated weight, 800 lbs.; fed during test, 21 lbs. oil meal, 21 lbs. pea meal, 42 lbs. corn meal, 42 lbs. crushed oats, 14 lbs. bran and 50 lbs. hay; property of Ayer & McKinney, Philadelphia, Pa.

- Lord Fife's Joliette 30591.....
  - Lord Fife 5148.....
    - Jack Frost of St. Lambert 2419.....
      - Buffer 2055.
      - Pride of Windsor 483, imp.
    - Empress Carlotta 10921.
      - Lord Melbourne 5146.
      - Lady Fawn of St. Anne's 10920.
  - Daisy of St. Lambert 25840.....
    - Lord Monck 304.....
      - Victor Hugo 197, imp.
      - Pride of Windsor 483, imp.
    - Joliette 1374.....
      - Victor Hugo 197, imp.
      - Fancy 1318, imp.

Marissa 65285.—Yield of milk, 267 lbs. 1 oz.; yield of butter, 16 lbs. 2 oz.; test made from June 1 to 8, 1893; age, 4 years and 1 month; estimated weight, 800 lbs.; fed during test, about 15 lbs. daily of a mixture of corn meal, ground oats and oil meal—very little hay, clover pasture; property of Richardson Bros., Davenport, Iowa.

- Marissa 65285
  - Diploma 16219
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Frankie's Lass 24900
      - Cobden 1871.
      - Frankie 5th 3542.
  - Damara 65001
    - North Pacific Prize 11459
      - North Pacific 4296.
      - Beauty of Park Farm 11484.
    - Mercurina 64920
      - Combination 4389.
      - Modita 16626.

Star's Valentine 81778.—Yield of milk, 277 lbs. 7 oz.; yield of butter, 16 lbs. 2 oz.; test made from August 8 to 15, 1893; age, 2 years and 6 months; estimated weight, 500 lbs.; fed during test, 42 lbs. corn meal, 21 lbs. linseed meal, 35 lbs. bran and 15 lbs. ensilage; property of Samuel McKeen. Terre Haute, Ind.

- Star's Valentine 81778
  - Ruby's Star of St. Lambert 20719
    - King of St. Lambert 15175
      - Ida's Rioter of St. L. 13656.
      - Allie of St. Lambert 24991.
    - Ruby St. L. 34751
      - Rioter's Pride 11694.
      - Lisgar's Duchess 26299.
  - Rubano's Valentine 54703
    - Rubano 8806
      - Sir George of St. Lambert 6036.
      - Nina of St. Lambert 12963.
    - Valentine of Trinity 7460
      - Duke (P. S. 76 J. H. B.)
      - On I of J.

Hazel Lee 76864.—Yield of milk, 237 lbs.; yield of butter, 16 lbs. 1½ oz.; test made from June 21 to 28, 1893; age, 2 years and 8 months; estimated weight, 825 lbs.; fed during test, 14 lbs. corn-hearts and 4 lbs. cut sheaf oats daily—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Hazel Lee 76864
  - Hulee 18209
    - Tormentor 3533
      - Khedive(P.S.103 J.H.B.)
      - Angela(F.S.1607 J.H.B.)
    - Silicon 25577
      - Prince George 11571 (P. S. 396 J. H. B.)
      - Sadie A. 25573, imp.
  - Witch-Hazel 4th 6131
    - Lord Lawrence 1414
      - Lawrence 61, imp.
      - Lady Mary 1148, imp.
    - Witch-Hazel 1360
      - Southampton 117, imp.
      - Hazel 91.

Ida's Fawn 56018.—Yield of milk, 244 lbs. 13 oz.; yield of butter, 16 lbs. 1½ oz.; test made from July 13 to 20, 1892; age, 3 years and 8 months; estimated weight, 775 lbs.; fed during test, 2 gals. corn meal and 3 gals. wheat bran daily—good pasture; property of Matthews & Humes, Huntsville, Ala.

- Ida's Fawn 56018
  - Ida's Stoke Pogis 13658
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Miss Rollo 21579
    - Rollo (P. S. 212 J. H. B.)
      - Vertumnus (P. S. 161 J. H. B.)
      - Polly (F.S. 1519 J. H. B.)
    - Philippa (F. S. 1665 J. H. B.)

Joan Montague 40787.—Yield of milk, 246 lbs.; yield of butter, 16 lbs. 1 oz.; test made from June 6 to 13, 1891; age, 5 years and 3 months; estimated weight, 900 lbs.; fed during test, 5 lbs. bran and 5 lbs. cotton-seed cake meal daily—mixed timothy, clover and blue grass pasture; property of Bordwell & Cochran, Batavia, Ohio.

- Joan Montague 40787.
  - Lord Montague 12385...
    - Pedro 3187.....
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Cretesia 13657.....
      - Lord Dartmouth 6502.
      - Daisy Darling 6386.
  - Woodland Maid 2d 19666
    - Cazique 3103.....
      - Earl of Brookside 1677.
      - Jersey Princess 3435.
    - Woodland Maid 8156...
      - Browser 1624.
      - Clarencia 3484.

Catono's Kate 59976.—Yield of milk, 266 lbs.; yield of butter, 16 lbs. ½ oz.; test made from July 22 to 29, 1893; age, 4 years and 2 months; estimated weight, 800 lbs.; fed during test, 84 qts. meal, 7 qts. oil meal and 7 qts. cotton-seed meal—poor pasture; property of H. A. Huntington, Higganum, Conn.

- Catono's Kate 59976..
  - Gold Basis 5th 15725 ...
    - Gold Basis 4038 .....
      - Gilderoy 2107.
      - Regina 2d 2475.
    - Bonnie Yost 7943.....
      - Rector 1458.
      - Bo-Peep 2850.
  - Gladdis Roy 18566.....
    - Catono 3761.....
      - Cato (P. S. 178 J. H. B.)
      - Ona 7840.
    - Cowles' Eirene 3926....
      - Ishmael Hurd 1548.
      - Puss 4397.

Sylvia Perrot 30963.—Yield of milk, 182 lbs. 13 oz.; yield of butter, 16 lbs. ½ oz.; test made from November 21 to 28, 1892; age, 9 years and 8 months; estimated weight, 950 lbs.; fed during test, 22 qts. daily of a mixture composed of one-third corn meal and two-thirds ground oats—also 147 lbs. hay; property of Charles A. Sweet, East Aurora, N. Y.

- Sylvia Perrot 30963...
  - Perrot (P.S. 342 J. H. B.)
    - Bobby (P.S. 208 J. H. B.)
      - Vertumnus (P. S. 161 J. H. B.)
      - Young Rose (P. S. 43 J. H. B.)
    - Royal Beauty 18908..... (P. S. 390 J. H. B.)
      - Browny (P. S. 158 J. H. B.)
      - Princess Royal (P. S. 240 J. H. B.)
  - Chestnut Farm Sylvia 25022 (F. S. 5250 J. H. B.)

Dolly's Daughter 31392.—Yield of milk, 197 lbs. 10 oz.; yield of butter, 16 lbs.; test made from September 7 to 14, 1891; age, 6 years and 11 months; estimated weight, 800 lbs.; fed during test, 8 qts. corn meal, 7 qts. ground oats and 5 qts. wheat middlings daily—very good pasture; property of D. F. Appleton, Ipswich, Mass.

- Dolly's Daughter 31392.....
  - Duke of Darlington 2460
    - Sarpedon 930.....
      - Mercury 432.
      - Europa 176.
    - Eurotas 2454 .....
      - Rioter 2d 469, imp.
      - Europa 176.
  - Dolly Dunn 18298 .....
    - Yellow Boy 6381.....
      - Duke of Darlington 2460
      - Daisy 692.
    - Widow Dunn 10334.....
      - Duke of Darlington 2460
      - Nellie Darlington 5956.

Maid of Tanglewood 51606.—Yield of milk, 185 lbs. 4 oz.; yield of butter, 16 lbs.; test made from April 8 to 15, 1891; age, 3 years; estimated weight, 800 lbs.; fed during test, 9 lbs. corn meal, 9 lbs. crushed oats, 3 lbs. bran and 10 lbs. hay daily; property of Ayer & McKinney, Philadelphia, Pa.

- Maid of Tanglewood 51606
  - Marjoram's Stoke Pogis 17203
    - Pogis Chief 3998
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Marjoram 3239, imp.
  - Maid of the Elms 18932, imp. (F. S. 3096 J. H. B.)

Miamotto 48691.—Yield of milk, 276 lbs. 12 oz.; yield of butter, 16 lbs.; test made from June 14 to 21, 1893; age, 6 years and 1 month; estimated weight, 950 lbs.; fed during test, 8 qts. daily of a mixture of Buffalo gluten meal and wheat middlings—natural pasture; property of George W. Sisson, Jr., Potsdam, N. Y.

- Miamotto 48691
  - Chief of the Miamis 2958
    - Signal 1170
      - Marius 760.
      - Pansy Morris 2060.
    - Annie Lachaise 3961
      - Columbus 83.
      - Victorine Lachaise 2740, imp.
  - Sigmotto 34939
    - Signally Signal 8875
      - Signalda 4027.
      - Aldarine 5301.
    - Motto Pansy 18413
      - Champion of Riverside 5787.
      - Eloise's Pride 4899.

Señorita Pogis 53791.—Yield of milk, 211 lbs. 8 oz.; yield of butter, 16 lbs.; test made from March 3 to 10, 1892; age, 4 years; estimated weight, 750 lbs.; fed during test, 56 qts. bran, 28 qts. pea meal, 28 qts. corn meal and 175 lbs. ensilage—pea-vine hay, good rye pasture; property of James Crook, Jacksonville, Ala.

- Señorita Pogis 53791.
  - St. Lambert's John Bull 16618
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Mavourneen of St. Lambert 9777
      - Stoke Pogis 3d 2238.
      - Amelia 484, imp.
  - Katie Putnam 40366
    - Prince of Melrose 2d 11015
      - Prince of Melrose 4819.
      - Princess of St. Lambert 5484.
    - Lass de Grantez 26673
      - Duke of Grantez (P. S. 410 J. H. B.)
      - Cream Lily 24015.

Philena of Briarcliff 68938.—Yield of milk, 219 lbs. 12 oz.; yield of butter, 15 lbs. 15½ oz.; test made from May 13 to 20, 1893; age, 5 years and 2 months; estimated weight, 850 lbs.; fed during test, 15 qts. daily of corn meal, ground oats and wheat bran, in equal parts—hay *ad lib.* and a little green rye; property of Walter W. Law, Whitson, N. Y.

- Philena of Briarcliff 68938
  - American Rioter 13363
    - Pedro 3187
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Les Cateaux 22002, imp. (F. S. 487 J. H. B.)
  - Philine of Linden 2d 68319
    - Pomona's Lemon 13987
      - Lemon Peel (P. S. 320 J. H. B.)
      - Pomona 2d 24375.
    - Philine of Linden 16685.
      - Sir George 7656.
      - Lily (P. S. 109 J. H. B.)

Beauty of Hamilton 55827.—Yield of milk, 227 lbs. 8 oz.; yield of butter, 15 lbs. 15 oz.; test made from August 16 to 23, 1892; age, 3 years and 8 months; estimated weight, 650 lbs.; fed during test, 6 qts. corn meal, 5 qts. ground oats and 5 qts. shorts daily—hay *ad lib.*, very poor pasture; property of D. F. Appleton, Ipswich, Mass.

- Beauty of Hamilton 55827
  - Young Pedro 9033
    - Pedro 3187
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Rioter Alphea 10091
      - Jason Jr. 3270.
      - Chansonnette 5695.
  - Bellis 38284
    - Dorval of St. Lambert 9541
      - Orloff 3143.
      - Maggie of St. Lambert 9776.
    - Highland Gipsy 27282
      - Jim (P. S. 346 J. H. B.)
      - Highland Girl (F. S. 1908 J. H. B.)

Bunker's Utica Belle 38567.—Yield of milk, 236 lbs.; yield of butter, 15 lbs. 15 oz.; test made from June 8 to 15, 1892; age, 7 years and 2 months; estimated weight, 800 lbs.; fed during test, 2 qts. corn meal, 2 qts. ground oats and 4 qts. shorts daily—good pasture; property of James B. Johnson, Richfield Springs, N. Y.

- Bunker's Utica Belle 38567
  - Bunker 9025
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259. imp.
      - Marjoram 3239, imp.
    - Sallie Bunker 1426. imp.
  - Belle of Utica 11356
    - Mohawk 2269
      - Alpheus 1168.
      - Baltimore Beauty 1665.
    - Rachel Curran 4086
      - Quogue 690.
      - Hoey 4th 2921.

Heritage 50077.—Yield of milk, 240 lbs. 10 oz.; yield of butter, 15 lbs. 15 oz.; test made from January 15 to 22, 1892; age, 4 years; estimated weight, 850 lbs.; fed during test, 2 gals. corn meal, 4 gals. boiled cotton-seed and 2 gals. wheat bran daily—ensilage and clover hay *ad lib.*; property of Matthews & Humes, Huntsville, Ala.

- Heritage 50077
  - Ida's Stoke Pogis 13658
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Narda 38012
    - Tormentor 3533 (F. S. 259 J. H. B.)
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Mattie Hunter 19798
      - Marquis of Bute 3502.
      - Dovie of Linwood 6857.

Exile's Alphea 45393.—Yield of milk, 200 lbs. 6½ oz.; yield of butter, 15 lbs. 14½ oz.; test made from April 2 to 9, 1891; age, 5 years; estimated weight, 900 lbs.; fed during test, from 8 to 12 qts. daily of a mixture of one part bran, two parts ground corn and three parts ground oats—also, bran slop daily and good hay; property of L. L. Tozier, Batavia, N. Y.

- Exile's Alphea 45393
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Clotaire's Belle 28841
    - Clotaire 9884
      - Royal Oak 6219 (P. S. 286 J. H. B.)
      - Floribundus 2d 14949.
    - Alphea Rajah 20605
      - Topris 4125.
      - Martha M. 10867.

Mattie Tormentor 62841.—Yield of milk, 224 lbs.; yield of butter, 15 lbs. 14½ oz.; test made from March 30 to April 6, 1893; age, 4 years and 4 months; estimated weight, 800 lbs.; fed during test, 56 lbs. bran, 49 lbs. corn and cob meal, 17½ lbs. ground oats, 17½ lbs. cotton-seed meal, with 1 lb. cotton-seed hulls at each feed; property of James L. Cooper, Nashville, Tenn.

- Mattie Tormentor 62841
  - Little Tormentor 17995
    - Tormentor 3533 (F. S. 259 J. H. B.)
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Méprise 4898
      - Alpheus 1168.
      - Camilla 4th 2023.
  - Mattie Cole 47911
    - Count Potoka 9831
      - Lord Lawrence 1414.
      - Countess Potoka 7496.
    - Tipsey C. 23147
      - Top-Sawyer 1404.
      - Golden Eye 4407.

Princess Edith Hugo 45120.—Yield of milk, 246 lbs. 1 oz.; yield of butter, 15 lbs. 14½ oz.; test made from February 19 to 26, 1893; age, 5 years and 10 months; actual weight, 800 lbs.; fed during test, 8 lbs. each of barley, oats and corn, mixed and ground, given in two feeds, daily—hay *ad lib.*; property of McGill Bros., Leavenworth, Kan.

- Princess Edith Hugo 45120
  - Prince Pogis' Hugo 15660
    - Prince Pogis 10682
      - Middlefield Boy 1331.
      - Mary Anne of St. Lambert 9770.
    - Rosette of St. Lambert 5108
      - Lord Lisgar 1066.
      - Victoria 411.
  - Edith Hanna 33146
    - Royal Boy 8931
      - Milkboy 2844.
      - Princess Adams 6130.
    - Grecian Girl 12765
      - Buskie 3625.
      - Straw Girl 12413.

Girletta 61472.—Yield of milk, 247 lbs. 12 oz.; yield of butter, 15 lbs. 14 oz.; test made from November 12 to 19, 1893; age, 4 years and 6 months; estimated weight, 800 lbs.; fed during test, 42 qts. ground corn and oats, 21 qts. oil meal and cotton-seed meal, 49 qts. wheat bran and 245 lbs. corn ensilage—hay *ad lib.*; property of E. L. Van Deusen, Ashley Falls, Mass.

- Girletta 61472
  - Crocker 19563
    - Surcor 12000
      - Corinth 6662.
      - Surville Maid 18592.
    - Bongu 3672
      - St. Helier 45, imp.
      - Resita 3671.
  - Usilda's Pride 13921
    - Oriflamme 2559
      - Jeweler 1385.
      - Olive 232.
    - Usilda 3d 7375
      - Rex 1330.
      - Usilda 832.

Ida of Clinton 25419.—Yield of milk, 236 lbs.; yield of butter, 15 lbs. 14 oz.; test made from September 30 to October 7, 1892; age, 9 years and 6 months; estimated weight, 900 lbs.; fed during test, 56 qts. of a mixture of 100 lbs. corn meal, 25 lbs. wheat bran and 10 lbs. cotton-seed meal—meadow pasture; property of G. E. Nichols, Afton, N. Y.

- Ida of Clinton 25419
  - Noble of Sidney 5369
    - Noble 901
      - On I. of J.
      - Fanny of Babylon 2345, imp.
    - Maggie of Sidney 11489
      - Noble 901.
      - Ella of Sydney 4522.
  - Queen of Clinton 11500
    - Noble 901
      - On I. of J.
      - Fanny of Babylon 2345, imp.
    - Queen of Sidney 11492
      - Noble 901.
      - Rosetta of Sydney 4520.

Robinella 63132.—Yield of milk, 213 lbs.; yield of butter, 15 lbs. 14 oz.; test made from October 9 to 16, 1892; age, 3 years and 6 months; estimated weight, 800 lbs.; fed during test, 16 qts. daily of equal parts corn meal, ground oats and wheat bran, and 1 pt. oil meal—hay; property of Walter W. Law, Whitson, N. Y.

- Robinella 63132
  - Eurotas' Victor Hugo 15689
    - Victor Hugo Pogis 11256
      - Rambler of St. Lambert 5285.
      - Crocus of St. Lambert 8351.
    - Eurotas 2454
      - Rioter 2d 469, imp.
      - Europa 176.
  - Robinette 7114
    - Domino of Darlington 2459
      - Sarpedon 930.
      - Beauty of Darlington 5736.
    - Rachel Ray 1754
      - Dolphin 2d 468, imp.
      - Helene 179.

Romping Lass 2d 51989.—Yield of milk, 148 lbs. 14 oz.; yield of butter, 15 lbs. 14 oz.; test made from March 29 to April 5, 1891; age, 3 years and 1 month; estimated weight, 800 lbs.; fed during test, 3 gals. corn-hearts, 2 gals. wheat bran and 1 gal. ground oats daily—ensilage and clover hay; property of Matthews & Humes, Huntsville, Ala.

- Romping Lass 2d 51989
  - Fancy's Harry 9777
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Landseer's Fancy 2876
      - Landseer 331.
      - Young Fancy 97.
  - Romping Lass 11021
    - Tormentor 3533 (F. S. 259 J. H. B.)
      - Khedive (P.S.103J.H.B.)
      - Angela (F.S.1607J.H.B.)
    - Romp Ogden 3d 5458
      - Top-Sawyer 1404.
      - Romp Ogden 1571.

Sadie R. 3d 83729.—Yield of milk, 174 lbs. 6 oz.; yield of butter, 15 lbs. 14 oz.; test made from July 18 to 25, 1893; age, 2 years and 4 months; estimated weight, 750 lbs.; fed during test, 12 qts. ground corn and oats, 12 qts. wheat bran, 3 qts. oil meal, in three feeds, daily—green oats and peas, poor pasture; property of C. A. Sweet, East Aurora, N. Y.

- Sadie R. 3d 83729
  - Norton 31941
    - Remarkable 7662
      - Intrepid 5511.
      - Caroline 12019.
    - Pet's Albert 18622
      - Bristol Brown 6681.
      - Mamie's Pet 10630.
  - Sadie R. 34813
    - Prince Pedro 10588
      - Pedro 3187.
      - Milky Way 7240.
    - Lillian R. 29661
      - Remarkable 7662.
      - Item 8783.

Victor's Lady 52691.—Yield of milk, 203 lbs. 9 oz.; yield of butter, 15 lbs. 14 oz.; test made from June 23 to 30, 1892; age, 3 years and 10 months; estimated weight, 1,000 lbs.; fed during test, 17½ qts. corn meal, bran and oil meal daily, mixed with 1½ bushels cut clover hay; property of George E. Peer, Rochester, N. Y.

- Victor's Lady 52691
  - Victor F. W. 16548
    - Victor's King 12678
      - Lord Darlington 7285.
      - Countess of Lakeside 12135.
    - Rosa F. W. 13226
      - Duke F. 6134.
      - Rose F. 2d 13224.
  - Lady Livingston 33374
    - Garibaldi H. 7106
      - On I. of J.
      - Anna of Mountain Side 15544, imp.
    - Rainbow 2d 13962
      - Doesticks 2387.
      - Rainbow 6493.

Young Floribundus 4th 59314.—Yield of milk, 225 lbs.; yield of butter, 15 lbs. 14 oz.; test made from May 18 to 25, 1891; age, 3 years and 1 month; estimated weight, 950 lbs.; fed during test, 16 qts. daily of a mixture of one part bran, two parts ground corn and three parts ground oats—bran slop daily; property of L. L. Tozier, Batavia, N. Y.

- Young Floribundus 4th 59314
  - Ko Ko of St. Lambert 16527
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Clotaire's Beauty 28171.
      - Clotaire 9884.
      - Lady Bingo 24160.
  - Young Floribundus 28172
    - Theron 5722
      - Rubicon 1202.
      - Lady Sarah 4931.
    - Floribundus 2d 14949
      - Victor (P. S. 148 J. H.B.)
      - Floribundus (F. S. 659 J. H. B.)

Daisy of Denison 53137.—Yield of milk, 223 lbs. 12 oz.; yield of butter, 15 lbs. 12 oz.; test made from May 13 to 20, 1893; age, 5 years and 6 months; estimated weight, 1,000 lbs.; fed during test, 5 lbs. bran, 5 lbs. corn meal, 6 lbs. ground oats and 1 lb. cotton-seed meal twice daily—prairie grass pasture; property of Platter & Foster, Denison, Tex.

- Daisy of Denison 53137
  - Clara's Rioter Pogis 18317
    - Lily's Rioter 5989
      - Midas of Oxford 5986.
      - Lily of St. Lambert 5120.
    - Clara C. 17173
      - Beacon of the Downs 2d 5422.
      - Bertha Hamilton 15888.
  - Laura Carrie Alphea 22311
    - Royal de Alphea 6506
      - Champion of Indiana 3075.
      - Tib's Jewel 6808.
    - Laura Carrie 9826
      - Friar 2174.
      - Roselaine 7167.

Princess Jeannaise 53863.—Yield of milk, 201 lbs. 4 oz.; yield of butter, 15 lbs. 12 oz.; test made from May 11 to 18, 1892; age, 5 years and 4 months; estimated weight, 750 lbs.; fed during test, 8 qts. yellow corn meal daily—hay, good clover pasture; property of W. Cannon, Philadelphia, Tenn.

- Princess Jeannaise 53863
  - Prince Jeannaise 17074
    - L'Allegro 7127
      - Lord Harry 3445.
      - Mirtha 3437.
    - Pilot's St. Jeannaise 25089
      - Excelsior (P. S. 300 J. H. B.)
      - Chestnut Farm Buttercup (F. S. 3894 J.H.B.)
  - Pilot's St. Jeannaise 25089
    - Excelsior (P. S. 300 J. H. B.)
      - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Aster (F.S. 1970 J.H.B.)
    - Chestnut Farm Buttercup (F. S. 3894 J. H. B.)

Susa's Darling 44915.—Yield of milk, 225 lbs. 3 oz.; yield of butter, 15 lbs. 12 oz.; test made from June 4 to 11, 1892; age, 5 years and 6 months; estimated weight, 900 lbs.; fed during test, 28 qts. corn meal, 28 qts. bran and 7 lbs. linseed meal—good white clover and native grass pasture; property of Giltedge Farm Co., Syracuse, N. Y.

- Susa's Darling 44915.
  - Signal Duke of Alfred 11927
    - Red Cloudlet 7560
      - Alpenoa 6062.
      - Gardiner's Ripple 11693.
    - Gardiner's Thistle 11338
      - Allegany Comet 2031.
      - Nettle 3241.
  - Susa Drew 38521
    - Cattaraugus Chief 6026.
      - Allegany Chief 2918.
      - Agapanthus 7174.
    - Signal Pomona 28398
      - Signal Jupiter 8703.
      - Pomona 2560.

Thornleaf 39969.—Yield of milk, 214 lbs. 5 oz.; yield of butter, 15 lbs. 12 oz.; test made from October 16 to 23, 1892; age, 6 years and 9 months; estimated weight, 875 lbs.; fed during test, 105 lbs. ground corn and cob meal and 60 lbs. wheat bran—pasture of mixed grasses; property of Columbus Dixon, Gillespieville, Ohio.

Thornleaf 39969	Silver Duke 7125	Lord Ducie 2500	Pertinatti 713.
			Duchess of Bloomfield 3653.
		Silver Rose 4753	Pilot Jr. 141.
			Rosa 122.
	Tillie Thorn 24082	Rothschild 3920	Assessor 827.
			Lustre 2062.
		Mary's Gold Drop 4641	Essex of Staatsburgh 892
			Gentle Gipsy 2250.

Alabama 7690.—Yield of milk, 209 lbs. 1 oz.; yield of butter, 15 lbs. 11 oz.; test made from August 5 to 12, 1888; age, 10 years and 4 months; estimated weight, 775 lbs.; fed during test, 14 qts. corn meal, 70 qts. bran and 14 qts. cotton-seed meal—hay and good mixed pasture; property of James Crook, Jacksonville, Ala.

Alabama 7690	Dainty Boy 2955	Pierrot 636, imp.
		Dainty 796, imp.
	Ruby 787, imp.	

Exile's Lady Angela 46882.—Yield of milk, 263 lbs. 14 oz.; yield of butter, 15 lbs. 11 oz.; test made from June 12 to 19, 1893; age, 6 years and 3 months; estimated weight, 875 lbs.; fed during test, 5 qts. oatmeal, 4 qts. corn meal, 1 qt. cotton-seed meal and 6 qts. bran—clover and timothy pasture; property of Mrs. E. F. Hawley, Pittsford, N. Y.

Exile's Lady Angela 46882	Exile of St. Lambert 13657	Bachelor of St. Lambert 4558	Orloff 3143.
			Charity of St. Lambert 6638.
		Allie of St. Lambert 24991	Stoke Pogis 3d 2238.
			Kathleen of St. Lambert 5122.
	Eva Locust 21050	Gerry 2d 7217	Gerry 1539.
			Gold Ear 2d 3592.
		Eva Gold Ear 15836	Gerry 1539.
			Gold Ear 2d 3592.

Saucy Princess 40350.—Yield of milk, 259 lbs. 7 oz.; yield of butter, 15 lbs. 11 oz.; test made from January 20 to 27, 1893; age, 7 years and 7 months; estimated weight, 950 lbs.; fed during test, 1½ gals. corn meal, 1½ gals. bran, 1 qt. cotton-seed meal, 3 qts. corn-cob meal, 15 lbs. ensilage and 5 lbs. hay daily; property of M. Lothrop, Marshall, Tex.

Saucy Princess 40350	Prince of Melrose 4819	Stoke Pogis 3d 2238	Stoke Pogis 1259, imp.
		Princess of St. Lambert 5484	Marjoram 3239, imp.
			Buffer 2055.
			Juno of St. Lambert 5110
	Saucylip 18574	Lord Longford 3997	Silver Mine 1658.
			Little Gentle 4640.
		Sunny South 6830	Proxy 1714.
			Effie of Staatsburgh 3194

Sorina 42993.—Yield of milk, 217 lbs. 8 oz.; yield of butter, 15 lbs. 11 oz.; test made from June 2 to 9, 1891; age, 4 years and 6 months; estimated weight, 850 lbs.; fed during test, 16 lbs. corn-hearts and 4 lbs. bran, mixed, daily—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Sorina 42993
  - Fancy's Harry 9777
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Landseer's Fancy 2876
      - Landseer 331.
      - Young Fancy 97.
  - Sirona 2d 38011
    - Tormentor 3533 (F. S. 259 J. H. B.)
      - Khedive (P.S.103J.H.B.)
      - Angela (F.S.1607J.H.B.)
    - Sirona 27128
      - Signalda 4027.
      - Signalinea 16336.

Jennie Stoke Pogis 32010.—Yield of milk, 206 lbs. 8 oz.; yield of butter, 15 lbs. 10¾ oz.; test made from August 3 to 10, 1891; age, 6 years and 4 months; estimated weight, 750 lbs.; fed during test, 8 qts. corn meal, 3 qts. oil meal, 4 qts. bran, 4 qts. fine feed, 2 lbs. hay and 30 lbs. green corn-stalks daily; property of P. J. Cogswell, Rochester, N. Y.

- Jennie Stoke Pogis 32010
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Puss Lurlene 21461
    - Prince of Genesee 4222
      - Pontiff 2120.
      - Dainty Delia 3d 4174.
    - Duchess Lurlene 9048
      - Pontiff 2120.
      - Betsy Trotwood 9047.

Daisy Brown 2d 37325.—Yield of milk, 255 lbs. 8 oz.; yield of butter, 15 lbs. 10½ oz.; test made from June 13 to 20, 1893; age, 7 years and 4 months; estimated weight, 875 lbs.; fed during test, 12 lbs. corn-hearts, 12 lbs. ground feed and 4 lbs. cut sheaf oats—blue grass pasture; property of Campbell Brown, Spring Hili, Tenn.

- Daisy Brown 2d 37325
  - Ida's Stoke Pogis 13658
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Daisy Brown 12213
    - Tormentor 3533 (F. S. 259 J. H. B.)
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Heedless 9522
      - Braxton 1715.
      - Brunette Lass 1780.

Fashion Plate 62457.—Yield of milk, 268 lbs. 12 oz.; yield of butter, 15 lbs. 10½ oz.; test made from May 11 to 18, 1892; age, 4 years and 1 month; actual weight, 1,000 lbs.; fed during test, 12 qts. ground oats, 6 qts. corn meal and 3 qts. oil-cake, daily, in three feeds—good clover and timothy pasture; property of Miller & Sibley, Franklin, Pa.

- Fashion Plate 62457
  - Michael Angelo 10116
    - Black Prince of Hanover 2873
      - Rioter 2d 469, imp.
      - Leda 799.
    - Eurotas 2454
      - Rioter 2d 469, imp.
      - Europa 176.
  - Floribel Pogis 28759
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Floribel 3d 14129
      - St. Helier 45, imp.
      - Floribel 2460.

Auraria 10688.—Yield of milk, 184 lbs. 8 oz.; yield of butter, 15 lbs. 10 oz.; test made from May 20 to 27, 1890; age, 10 years and 2 months; estimated weight, 900 lbs.; fed daily during test, 2 qts. cotton-seed meal, 2 qts. oil meal, 4 qts. corn meal, 6 qts. ground oats and 4 qts. wheat middlings—hay *ad lib.*; property of E. L. Van Deusen, Ashley Falls, Mass.

- Auraria 10688
  - Manchester's Prospect 2817
    - Pierrot 5th 1665
      - Pierrot 636, imp.
      - Eugenie 2d 1623.
    - Olie 4133
      - Tom Dasher 420.
      - Belle 1225.
  - Jersey Cream 2d 8519
    - King of Fairview 778
      - Rob Roy 17, imp.
      - Eugenie 792, imp.
    - Jersey Cream 3151
      - Tom Dasher 420.
      - Creampot 460, imp.

Corinne of St. Lambert 76579.—Yield of milk, 205 lbs.; yield of butter, 15 lbs. 10 oz.; test made from Dec. 5 to 12, 1893; age, 2 years and 11 months; estimated weight, 800 lbs.; fed daily during test, 1 gal. corn meal, 2 gals. ground oats, ½ gal. ground peas, ½ gal. raw cotton-seed and 30 lbs. ensilage —hay *ad lib.*; property of James Crook, Jacksonville, Ala.

- Corinne of St. Lambert 76579
  - Pogis' Boom 18295
    - Prince of Melrose 2d 11015
      - Prince of Melrose 4819.
      - Princess of St. Lambert 5484.
    - Pride of Springvale 20093
      - Alpheus of Springvale 5645.
      - Alabama 7690.
  - Beauty of Springvale 26677
    - Alpheus of Springvale 5645
      - Auchentoroly 3494.
      - Canobie 6964.
    - Ruby of Springvale 14505
      - Tunlaw Boy 2866.
      - Alabama 7690.

Dame Lofty 47567.—Yield of milk, 296 lbs.; yield of butter, 15 lbs. 10 oz.; test made from May 16 to 23, 1891; age, 4 years and 2 months; estimated weight, 850 lbs.; fed during test, 3 lbs. coarse wheat bran, 2 lbs. cotton-seed meal, 2 lbs. linseed meal, 3 lbs. corn meal, 35 lbs. ensilage and 10 lbs. clover rowen, daily, in two feeds; property of E. S. Henry, Rockville, Conn.

- Dame Lofty 47567
  - Baron Hugo 15208
    - Baron of St. Lambert 5286
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Stolen Kisses 16864, imp. (F. S. 3247 J. H. B.)
  - Miss Lofty 9718
    - Duke of Mansfield 2277
      - Pierrot 636, imp.
      - La Biche 605, imp
    - Belle of Brooklyn 9493
      - Pierrot 636, imp.
      - Frolic 2d 1951.

Dilwa 30515.—Yield of milk, 179 lbs. 8 oz.; yield of butter, 15 lbs. 10 oz.; test made from May 16 to 23, 1891; age, 7 years and 1 month; estimated weight, 900 lbs.; fed during test, 36 lbs. corn meal, 36 lbs. crushed oats, 36 lbs. bran and 70 lbs. hay; property of Ayer & McKinney, Philadelphia, Pa.

- Dilwa 30515
  - Jersey Express 5771
    - Brisk (F. S. 261 J. H. B.)
    - On I. of J.
  - Wilda 21205
    - Hopedall 1976
      - Saladin 447.
      - Minerva 341.
    - Monada 4782
      - Majestic 2d 1201.
      - Ada of Montrose 4780.

Exile's Fawn 40979.—Yield of milk, 185 lbs.; yield of butter, 15 lbs. 10 oz.; test made from May 2 to 9, 1890; age, 4 years and 1 month; estimated weight, 750 lbs.; fed during test, about 18 qts. corn meal, bran and fine middlings and 12 qts. beets daily—dry hay; property of Pierce J. Cogswell, Rochester, N. Y.

- Exile's Fawn 40979..
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Or'off 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Saint Maggie 30363.....
    - Aristocrat 8064.....
      - King of Scituate 3622.
      - Belle of Scituate 7977.
    - Maggie Morton 4th 14923
      - Polo 2264.
      - Maggie Morton 2985.

Ida's Alpha 64536.—Yield of milk, 199 lbs. 12 oz.; yield of butter, 15 lbs. 10 oz.; test made from December 30, 1892, to January 6, 1893; age, 3 years and 3 months; estimated weight, 800 lbs.; fed during test, 14 lbs. oil meal, 42 lbs. pea meal and 80 lbs. corn, oats and shorts, in equal parts—hay; property of Ayer & McKinney, Philadelphia, Pa.

- Ida's Alpha 64536....
  - Ida of St. Lambert's Bull 19169.....
    - Stoke Pogis 5th 5987 ...
      - Stoke Pogis 1259. imp.
      - Marjoram 3239. imp.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - My Alpha 16892.....
    - Chief of Mad River Valley 2934.....
      - Hyperion 589.
      - Dimple 3248.
    - Jennie Swift 2d 6644 ...
      - Trocadero 1422.
      - Jennie Swift 6643.

Lalla Rookh's Queen 65848.—Yield of milk, 226 lbs.; yield of butter, 15 lbs. 10 oz.; test made from May 8 to 15, 1893; age, 3 years and 9 months; estimated weight, 750 lbs.; fed during test, 70 lbs. bran, 30 lbs. oil meal and 55 lbs. corn meal; property of C. Easthope, Niles, Ohio.

- Lalla Rookh's Queen 65848.....
  - King of Ashantee 6677..
    - Fairfield 4733.....
      - Commander in Chief 3035.
      - Cosette 3874.
    - Coomassie 11874.....
      (F. S. 1442 J. H. B.)
      - Neptune (P. S. 14 J. H. B.)
      - Jersey Pride (F. S. 1716 J. H. B.)
  - Lalla Rookh of Sugar Grove 15882.....
    - Marquis of Lossie 3512..
      - Litchfield 674.
      - Victoria Guelph 3898.
    - Lalla Rookh of Woodlawn Home 12146.....
      - Victor (P. S. 148 J. H. B.)
      - Snow of Woodlawn Home 12145.

Minnie Rioter 21336.—Yield of milk, 249 lbs. 6 oz.; yield of butter, 15 lbs. 10 oz.; test made from April 30 to May 7, 1893; age, 9 years and 11 months; estimated weight, 900 lbs.; fed during test, 10 qts. corn meal, 4 qts. oil meal, 12 qts. oatmeal, 15 qts. bran, 60 lbs. ensilage and 1 bushel roots—clover and timothy pasture for 4 days; property of Mrs. E. F. Hawley, Pittsford, N. Y.

- Minnie Rioter 21336..
  - Greatorex 4218. .....
    - Rex 1330.. .....
      - Colt Jr. 825.
      - Couch's Lily 3237.
    - Maggie Johnson 4546...
      - Hamilton 1074.
      - Lizzie Johnson 2002.
  - Minnie of Oxford 2d 12818.....
    - Stoke Pogis 5th 5987 ...
      - Stoke Pogis 1259. imp.
      - Marjoram 3239. imp.
    - Minnie of Oxford 12806.
      - Stoke Pogis 2d 2414.
      - Matilda 2d 5471.

Zenobia Pogis 35421.—Yield of milk, 183 lbs.; yield of butter, 15 lbs. 10 oz.; test made from July 8 to 15, 1888; age, 3 years and 1 month; estimated weight, 800 lbs.; fed during test, 56 qts. bran, 14 qts. corn meal and 14 qts. cotton-seed meal—hay, good mixed pasture; property of James Crook, Jacksonville, Ala.

- Zenobia Pogis 35421..
  - Prince of Melrose 2d 11015.....
    - Prince of Melrose 4819..
      - Stoke Pogis 3d 2238.
      - Princess of St. Lambert 5484.
    - Princess of St. Lambert 5484.. .....
      - Buffer 2055.
      - Juno of St. Lambert 5110
  - Zenobia of Springvale 20094.....
    - Alpheus of Springvale 5645.....
      - Auchentoroly 3494.
      - Canobie 6964.
    - Ruby of Springvale 14505.....
      - Tunlaw Boy 2866.
      - Alabama 7690.

Wandrina 2d 82420.—Yield of milk, 230 lbs.; yield of butter, 15 lbs. 9½ oz.; test made from April 22 to 29, 1893; age, 3 years and 7 months; estimated weight, 750 lbs.; fed during test, 8 qts. crushed oats, 8 qts. corn meal and 4 qts. wheat bran, daily, in two feeds—ordinary pasture; property of Morgan & Brown, Columbia, Tenn.

- Wandrina 2d 82420 ....
  - Landseer's Pogis 15847.
    - Pogis Chief 3998.....
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Landseer's Fancy 2876..
      - Landseer 331.
      - Young Fancy 97.
  - Wandrina 44939.....
    - Howard Signal 12664 ...
      - Wanderer 3014.
      - Zampa Howard 11280.
    - Signalda's Gem 34424...
      - Signalda 4027.
      - Florence M. 21568.

Cara Mia 64224.—Yield of milk, 216 lbs.; yield of butter, 15 lbs. 9¼ oz.; test made from April 9 to 16, 1893; age, 3 years and 4 months; estimated weight, 1,000 lbs.; fed during test, 14 lbs. corn-hearts and wheat bran, mixed, twice daily—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Cara Mia 64224 .....
  - Sitanda 20221.....
    - Signalda 4027.....
      - Signal 1170.
      - Alda 3873.
    - Mary Jane of Belle Vue 6956.....
      - Remarkable (F. S. 229 J. H. B.)
      - Nelly (F. S. 1509 J. H. B.)
  - Carida 37322..... .....
    - Ida's Stoke Pogis 13658
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Carrie Lena 3d 20077...
      - Lenox Cash Boy 6804.
      - Carrie Lena 3348.

Aurora Pogis 53798.—Yield of milk, 166 lbs. 14 oz.; yield of butter, 15 lbs. 9 oz.; test made from May 7 to 14, 1893; age, 4 years and 10 months; estimated weight, 800 lbs.; fed during test, 56 qts. ground oats, 14 qts. corn meal, 14 qts. cotton-seed meal—hay, pasture of good winter rye; property of James Crook, Jacksonville, Ala.

- Aurora Pogis 53798..
  - St. Lambert's John Bull 16618.....
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Mavourneen of St. Lambert 9777.....
      - Stoke Pogis 3d 2238.
      - Amelia 484, imp.
  - Alabama 7690.....
    - Dainty Boy 2955.....
      - Pierrot 636, imp.
      - Dainty 796, imp.
    - Ruby 787, imp.

Diana Doon 61539.—Yield of milk, 236 lbs.; yield of butter, 15 lbs. 9 oz.; test made from December 21 to 28, 1893; age, 4 years and 5 months; actual weight, 780 lbs.; fed during test, 112 qts. of a mixture of equal parts of cotton-seed, steamed oats and wheat, corn and oat chop—pastured on sorghum stubble and winter oats; property of S. T. Howard, Quanah, Tex.

- Diana Doon 61539...
  - Diana's Stoke Pogis 13686.....
    - Diana's Rioter 10481....
      - Sir George of St. Lambert 6036.
      - Diana of St. Lambert 6636.
    - Diana of St. Lambert 6636.....
      - Stoke Pogis 3d 2238.
      - Pet of St. Lambert 5123.
  - Dora Doon 12909.....
    - Top-Sawyer 1404.....
      - Marius 760.
      - Emblem 90, imp.
    - Daisy Dean 6855.....
      - Rector 1458.
      - Little Duck 3651.

Joy of Argyle 40495.—Yield of milk, 281 lbs.; yield of butter, 15 lbs. 9 oz.; test made from April 26 to May 3, 1891; age, 4 years and 11 months; estimated weight, 950 lbs.; fed during test, 3 lbs. wheat bran, 2 lbs. linseed meal, 2 lbs. cotton-seed meal, 3 lbs. corn meal and about 35 lbs. ensilage, daily, mixed, fed in two feeds, also 10 lbs. clover rowen; property of E. S. Henry, Rockville, Conn.

- Joy of Argyle 40495 ..
  - Duke Thorne 7020.....
    - Dido's Duke 4678.....
      - Duke of Darlington 2460
      - Dido 1234.
    - Lodeska 10462 .....
      - Niobe Duke 2364.
      - Lucy K. 5262.
  - Duchess of Argyle 4th 7571.....
    - Duke of Argyle 1517....
      - Nestor 773.
      - Marilla 2899.
    - Duchess of Argyle 3758.
      - Jack Dasher 932.
      - Berlin Daisy 3759.

Nan of St. Lambert 69453.—Yield of milk, 222 lbs.; yield of butter, 15 lbs. 9 oz.; test made from August 18 to 25, 1891; age, 2 years; estimated weight, 700 lbs.; fed during test, 22 lbs. daily chopped oats and peas—pasture, second crop clover; property of William Rolph, Markham, Ont., Can.

- Nan of St. Lambert 69453.....
  - Canada's John Bull 5th 20092.....
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Marianne Pogis 23008..
      - Lorne 5248.
      - Mary Anne of St. Lambert 9770.
  - St. Lambert's Nancy 56503.....
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Nancy of St. Lambert 12964.....
      - Stoke Pogis 3d 2238.
      - Lucy of St. Lambert 5116

Ko Ko's Allie 59317.—Yield of milk, 191 lbs. 8 oz.; yield of butter, 15 lbs. 8¾ oz.; test made from May 3 to 10, 1891; age, 3 years; estimated weight, 800 lbs.; fed during test, 8 to 12 qts. daily of a mixture of one part bran, two parts ground corn and three parts ground oats—bran slop daily, good hay; property of L. L. Tozier, Batavia, N. Y.

- Ko Ko's Allie 59317..
  - Ko Ko of St. Lambert 16527.....
    - Exile of St. Lambert 13657.....
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Clotaire's Beauty 28171.
      - Clotaire 9884.
      - Lady Bingo 24166.
  - Yum Yum of St. Lambert 39152.....
    - Exile of St. Lambert 13657.....
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Floribundus 2d 14949...
      - Victor (P. S. 148 J. H.B.)
      - Floribundus (F. S. 659 J. H. B.)

Otta of St. Lambert 49003.—Yield of milk, 219 lbs. 4 oz.; yield of butter, 15 lbs. 8¾ oz. (official); test made from February 13 to 20, 1893; age, 5 years and 9 months; estimated weight, 900 lbs.; fed during test, 89¼ lbs. corn meal, 36¾ lbs. bran, 24½ lbs. cotton-seed meal, 14 lbs. hay and 119 lbs. ensilage; property of P. J. Cogswell, Rochester, N. Y.

- Otta of St. Lambert 49003
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2228.
      - Kathleen of St. Lambert 5122.
  - Chief's Guenn 29266
    - Seneca Chief 4098
      - Lord Shaftesbury 2499.
      - May Blossom 5657.
    - Lady Delphine 28460
      - Baldwin's Frolic 13840.
      - Lady Sarah 4931.

Katie Herr 39970.—Yield of milk, 222 lbs. 10 oz.; yield of butter, 15 lbs. 8½ oz.; test made from June 7 to 14, 1893; age, 7 years and 4 months; actual weight, 870 lbs.; fed during test, 60 lbs. corn meal and 25 lbs. bran—pasture of mixed grasses; property of Columbus Dixon, Gillespieville, Ohio.

- Katie Herr 39970
  - Silver Duke 7125
    - Lord Ducie 2500
      - Pertinatti 713.
      - Duchess of Bloomfield 3653.
    - Silver Rose 4753
      - Pilot Jr. 141.
      - Rosa 122.
  - Mambrino Kate 14494
    - Assessor 827
      - Orangepeel 502.
      - Anita 1023.
    - Lady Thorne 8481
      - Grand Duke 665.
      - Gala 1375.

Delight's Darling 45700.—Yield of milk, 282 lbs.; yield of butter, 15 lbs. 8 oz.; test made from June 10 to 17, 1891; age, 5 years and 2 months; estimated weight, 850 lbs.; fed during test, 8 lbs. corn meal, 4 lbs. oil meal and 4 lbs. bran daily—blue grass, timothy and clover pasture; property of Garretson Bros., Pendleton, Ind.

- Delight's Darling 45700
  - Grace's Duke of Darlington 8289
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Grace Darlington 5574
      - On I. of J.
      - Violet of Darlington 5573, imp.
  - Friga's Delight 26649
    - Crust's Nobleman 4483
      - Nobleman of the Elms 2778.
      - Crust 4775.
    - Friga 2d 7341
      - Friar 2174.
      - Friga 4989.

Fulda Stoke Pogis 44992.—Yield of milk, 207 lbs. 8 oz.; yield of butter, 15 lbs. 8 oz.; test made from April 17 to 24, 1893; age, 5 years and 11 months; actual weight, 860 lbs.; fed during test, 12 qts. chop and 6 qts. wheat bran daily, in three feeds—clover hay and pasture; property of Mrs. A. M. Hallock, Columbus, Ohio.

- Fulda Stoke Pogis 44992
  - Yankee Stoke Pogis 15904
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Cassia 2d 21370
      - Yankee 1003.
      - Cassia 3615.
  - Fulda 25687
    - Cattaraugus Chief 6026
      - Allegany Chief 2918.
      - Agapanthus 7174.
    - Agapanthus 7174
      - Bedouin 1260.
      - Nettle 3241.

Queen of Clinton 11500.—Yield of milk, 217 lbs. 8 oz.; yield of butter, 15 lbs. 8 oz.; test made from June 11 to 18, 1892; age, 12 years and 1 month; estimated weight, 850 lbs.; no grain fed—white clover, timothy and June grass pasture; property of G. E. Nichols, Afton, N. Y.

- Queen of Clinton 11500
  - Noble 901
    - On I. of J.
    - Fanny of Babylon 2345, imp.
  - Queen of Sidney 11492
    - Noble 901
      - On I. of J.
      - Fanny of Babylon 2345, imp.
    - Rosetta of Sidney 4520
      - Paddy 899.
      - Dahlia of Babylon 2346.

Exile's Lucy 46883.—Yield of milk, 231 lbs. 8 oz.; yield of butter, 15 lbs. 7¾ oz.; test made from May 10 to 17, 1891; age, 3 years and 10 months; estimated weight, 850 lbs.; fed during test, 7 lbs. corn meal, 8 lbs. bran, 3 lbs. oil meal, 3 lbs. cotton-seed meal and about 16 lbs. beets daily—hay; property of Pierce J. Cogswell, Rochester, N. Y.

- Exile's Lucy 46883
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Catoctin's Daughter 29262
    - Catoctin 2d 11143
      - Catoctin 2692.
      - Cassia 3615.
    - Yankee Girl 2d 29261
      - Catoctin 2692.
      - Yankee Girl 24832.

Mary's Pet 40772.—Yield of milk, 209 lbs. 8 oz.; yield of butter, 15 lbs. 7½ oz.; test made from June 13 to 20, 1891; age, 6 years and 2 months; estimated weight, 900 lbs.; fed during test, 5 lbs. bran and 5 lbs. cotton-seed meal daily—short pasture, timothy, clover and blue grass; property of Bordwell & Cochran, Batavia, Ohio.

- Mary's Pet 40772
  - Steletho 10505
    - Dudley 3999
      - Butter-Stamp 700.
      - Lady Palestine 2769.
    - Dot of Bear Lake 6170
      - Prince of Warren 1512.
      - Monmouth Duchess 2d 4619.
  - Mary's Silver Drop 14235
    - Dudley 3999
      - Butter-Stamp 700.
      - Lady Palestine 2769.
    - Mary of Bear Lake 6171
      - Prince of Warren 1512.
      - Warren's Duchess 4622.

St. Lambert's Duchess 56504.—Yield of milk, 214 lbs. 2 oz.; yield of butter, 15 lbs. 7½ oz.; test made from December 13 to 20, 1890; age, 2 years and 7 months; estimated weight, 750 lbs.; fed during test, 20 lbs. peas and oats daily—clover hay at night, clover and timothy pasture; property of William Rolph, Markham, Ont., Can.

- St. Lambert's Duchess 56504
  - Canada's John Bull 8388
    - Sir George of St. Lambert 6036
      - Stoke Pogis 3d 2238.
      - Prid of Windsor 483, imp.
    - Nymph of St. Lambert 12968
      - Stoke Pogis 3d 2238.
      - Diana of St. Lambert 6636.
  - Duchess of St. Lambert 5111
    - Lord Lisgar 1066
      - Victor Hugo 197, imp.
      - Pauline 494.
    - Pride of Windsor 483, imp.

Beauty of Oakland 45009.—Yield of milk, 197 lbs. 2 oz.; yield of butter, 15 lbs. 7 oz.; test made from May 21 to 28, 1892; age, 4 years and 11 months; actual weight, 805 lbs.; fed during test, 8 lbs. 12 oz. corn meal and 4 lbs. wheat bran daily—pasture of mixed grasses; property of Columbus Dixon, Gillespieville, Ohio.

- Beauty of Oakland 45009
  - King Signal 12491
    - Signalda 2d 6748
      - Signalda 4027.
      - Sadie's Choice 7979.
    - Signalia 5803.
      - Signal 1170.
      - Maiden of Jersey 2736.
  - Nal Day 26553
    - Signalda 2d 6748
      - Signalda 4027.
      - Sadie's Choice 7979.
    - Nan Day 17192
      - Duke of Ouaquaga 2740.
      - Bonnie Jean 13116.

Chenda 3d 43246.—Yield of milk, 197 lbs. 8 oz.; yield of butter, 15 lbs. 7 oz.; test made from May 25 to June 1, 1891; age, 4 years and 3 months; estimated weight, 750 lbs.; fed during test, 20 lbs. corn-hearts in two feeds daily—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Chenda 3d 43246
  - Tormentor 3533 (F. S. 259 J. H. B.)
    - Khedive (P.S.103 J.H.B.)
      - Leo (F. S. 198 J. H. B.)
      - Coomassie 11874 (F. S. 1442 J. H. B.)
    - Angela (F.S.1607 J.H.B.)
  - Chenda 4599
    - Marius 760
      - Willie Boy 434.
      - Lady Mary 1148, imp.
    - Chatelaine 1916
      - Tancred 501.
      - Lady Ella 1146.

Dorizella 20525.—Yield of milk, 239 lbs. 3 oz.; yield of butter, 15 lbs. 7 oz.; test made from May 14 to 21, 1892; age, 9 years; estimated weight, 950 lbs.; fed during test, 35 lbs. corn meal and 63 lbs. wheat bran—Kentucky blue grass pasture; property of N. S. Dudley, Flemingsburgh, Ky.

- Dorizella 20525
  - Lenape 2732
    - Vermont 893
      - Governor 890.
      - Victorine 2233
    - Magna 2238, imp.
  - Kerima 7242
    - Beauclerc 1882
      - Scion 1033.
      - Niobe 99, imp.
    - Stella Le Brocq 4956
      - Welcome (F. S. 172 J. H. B.)
      - Stella (F. S. 705 J. H. B.)

Grace's Pride 61018.—Yield of milk, 211 lbs. 14 oz.; yield of butter, 15 lbs. 7 oz.; test made from April 19 to 26, 1891; age, 3 years and 3 months; estimated weight, 900 lbs.; fed during test, 84 lbs. corn meal—good early pasture; property of George M. Jewett, Glenville, Md.

- Grace's Pride 61018
  - Geranium's Rajah 18605
    - Oonan's Rajah 8965
      - Lord Harry 3445.
      - Oonan 1485.
    - Geranium 2d 7838
      - Signal 1170.
      - Geranium 3963.
  - Miami Grace 39392
    - Chief of the Miamis 2958
      - Signal 1170.
      - Annie Lachaise 3961.
    - Grace Davy 8292
      - Young Sir Davy 3034.
      - Grace Darling 2d 304.

Mona's Mab 31524.—Yield of milk, 204 lbs. 12 oz.; yield of butter, 15 lbs. 7 oz.; test made from November 6 to 13, 1892; age, 8 years and 11 months; estimated weight, 875 lbs.; fed during test, 42 qts. corn meal, 42 qts. shorts and 28 qts. ground oats—short pasture; property of C. H. Ellsworth, Worcester, Mass.

Mona's Mab 31524....	Snedens 4882.....	Ash Bud 3317.....	Niobe Duke 2364.
			Ash Leaf 5423.
		Edie 2001	Narragansett 536.
			Bessie 1417.
	Mona of Woodstock 6914.....	Dash of Glastonbury 1959.....	Robbins 953.
			Lady Dash 2523.
		Daze 2524	On I. of J.
			Dandelion 2521, imp.

Nelly Torment 61903.—Yield of milk, 233 lbs. 2 oz.; yield of butter, 15 lbs. 7 oz.; test made from June 11 to 18, 1893; age, 5 years and 4 months; estimated weight, 800 lbs.; fed during test, 56 qts. bran, 28 qts. corn meal and 14 qts. oil meal—blue grass pasture; property of Henry DuBois, Vigo, Ohio.

Nelly Torment 61903.	Romp's Torment 8789..	Tormentor 3533	Khedive (P. S. 103 J. H. B.)
			Angela (F. S. 1607 J. H. B.)
		Romp Ogden 3d 5458 ...	Top-Sawyer 1404.
			Romp Ogden 1571.
	Glendale Beauty 27690..	Duke of Ouaquaga 2740.	Bedford 1084.
			Lady Emma 4892.
		Colesville Beauty 10486.	Callidan 1039.
			Christine 3006.

Lanison's Nora 59316.—Yield of milk, 226 lbs. 11 oz.; yield of butter, 15 lbs. 6½ oz.; test made from May 20 to 27, 1890: age, 2 years and 1 month; estimated weight, 700 lbs.; fed during test, 8 qts. of a mixture of one part bran, two parts ground corn and three parts ground oats daily, in two feeds—also bran slop daily, old pasture; property of L. L. Tozier, Batavia, N. Y.

Lanison's Nora 59316	Lanison 15283.....	Lord Dartmouth 6302...	Miletus 3186.
			Eurotas 2454.
		Lanice 13656..... ...	Black Prince of Hanover 2873.
			Daisy Darling 6386.
	Clotaire's Alphea 32502.	Clotaire 9884.....	Royal Oak 6219 (P. S. 286 J. H. B.)
			Floribundus 2d 14949.
		Alphea Rajah 20605	Topris 4135.
			Martha M. 10867.

Eppie Pogis 44972.—Yield of milk, 226 lbs. 4 oz.; yield of butter, 15 lbs. 6 oz.; test made from October 31 to November 7, 1890; age, 3 years and 5 months; estimated weight, 750 lbs.; fed during test, 28 qts. corn meal, 28 qts. pea meal, 56 qts. bran and 210 lbs. corn ensilage—hay, short clover pasture; property of James Crook, Jacksonville, Ala.

Eppie Pogis 44972...	Prince of Melrose 2d 11015.....	Prince of Melrose 4819..	Stoke Pogis 3d 2238.
			Princess of St. Lambert 5484.
		Princess of St. Lambert 5484.....	Buffer 2055.
			Juno of St. Lambert 5110.
	Dewdrop Pansy 19736..	Platon (F. S. 310 J. H. B.)	
		Pansy (F. S. 1072 J. H. B.)	

Fanella 2d 64578.—Yield of milk, 235 lbs. 11 oz.; yield of butter, 15 lbs. 6 oz.; test made from July 31 to August 7, 1891; age, 4 years and 4 months; estimated weight, 675 lbs.; fed during test, 6 qts. corn meal, 6 qts. ground oats, 6 qts. wheat middlings and 1 pt. oil meal daily—good pasture; property of D. F. Appleton, Ipswich, Mass.

- Fanella 2d 64578
  - Young Pedro 9033
    - Pedro 3187
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Rioter Alphea 10091
      - Jason Jr. 3270.
      - Chansonnette 5695.
  - Fanella 8006
    - Agawam 2d 1841
      - Agawam 597.
      - Islip 3d 1883.
    - Fannette of Ipswich 5578
      - Briton 919.
      - Molly of Ipswich 3918.

Hyacinth Pogis 56020.—Yield of milk, 187 lbs. 8 oz.; yield of butter, 15 lbs. 6 oz.; test made from March 14 to 21, 1893; age, 4 years and 3 months; estimated weight, 700 lbs.; fed during test, 48 qts. meal, 27 qts. bran, 6 qts. oil meal and 280 lbs. ensilage; property of H. A. Huntington, Higganum, Conn.

- Hyacinth Pogis 56020
  - Ida's Stoke Pogis 13658.
    - Bachelor of St. Lambert 4558.
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Kitty Better 32911
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Kate Gordon 8387
      - Pertinax 1965.
      - Normanda 3914.

Lula M. 32643.—Yield of milk, 198 lbs.; yield of butter, 15 lbs. 6 oz.; test made from June 7 to 14, 1887; age, 3 years and 5 months; estimated weight, 800 lbs.; fed during test, shelled oats, corn meal and wheat bran, quantity not known—hay *ad lib.* and pasture; property of H. L. Muldrow, Starkville, Miss.

- Lula M. 32643
  - Zalma's Mercury 6983
    - Mercury 432
      - Jupiter 93.
      - Alphea 171.
    - Zalma 8778
      - Mercury 432.
      - Hybla 2991.
  - Bisma 1669, imp.

Douskha 63439.—Yield of milk, 227 lbs. 14 oz.; yield of butter, 15 lbs. $5\frac{3}{4}$ oz.; test made from March 18 to 25, 1893; age, 4 years and 1 month; estimated weight, 800 lbs.; fed during test, 56 qts. bran, 14 qts. ground corn, oats and peas, 42 qts. corn meal and 7 qts. cotton-seed meal—pasture; property of M. Lothrop, Marshall, Tex.

- Douskha 63439
  - Bloomfield's Pogis 17209
    - Ida's Stoke Pogis 13658.
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Duchess of Bloomfield 3653
      - Rioter 670, imp.
      - Angela 1682.
  - Shekel of Gold 25169
    - Carnival 5110
      - The Hub 1009.
      - Romp Ogden 2d 4764.
    - Fleece 18568
      - The Hub 1009.
      - Busy Bee 6336.

Jennie Fordyce 57169.—Yield of milk, 218 lbs. 1 oz.; yield of butter, 15 lbs. 5½ oz.; test made from May 7 to 14, 1891; age, 2 years and 5 months; estimated weight, 600 lbs.; fed during test, 2 gals. corn-hearts, 2 gals. oats and 1 gal. bran daily, on ensilage—good pasture; property of Matthews & Moore, Huntsville, Ala.

Jennie Fordyce 57169	Signalda's Torment 14673	Signalda 4027	Signal 1170.
			Alda 3873.
		Odelle Sales 15564	Tormentor 3533.
			Oonan 1485.
	Signal's Lily Flagg 31035	Georgian 6073	Smoke Smith 4844.
			Optima 6715.
		Little Nan 15895	W. Hampton 1896.
			Cootie 5985.

May Koffee 45862.—Yield of milk, 226 lbs. 8 oz.; yield of butter, 15 lbs. 5½ oz.; test made from July 3 to 10, 1892; age, 5 years and 2 months; estimated weight, 900 lbs.; fed during test, 1 qt. cotton-seed meal, 3 qts. corn meal and 4 qts. bran daily, in two feeds—hilly Vermont pasture; property of George Davis, East Montpelier, Vt.

May Koffee 45862	Ona's Koffee 9745	King Koffee 5522	Sir George (P. S 221 J. H. B.)
			Coomassie 11874.
		Ona 7840	Khedive (P. S. 103 J. H. B.)
			Écornée (F S 846 J. H. B.)
	Quailona 31492	Catono 3761	Ob I of J.
			Ona 7840.
		Quail 5895	Dash of Glastonbury 1959.
			Quiet 4661.

Mildred Montague 45476.—Yield of milk, 242 lbs.; yield of butter, 15 lbs. 5½ oz.; test made from May 23 to 30, 1891; age, 4 years; estimated weight, 900 lbs.; fed during test, 5 lbs. cotton-seed meal and 5 lbs. wheat bran daily—timothy, clover and blue grass pasture; property of Bordwell & Cochran, Batavia, Ohio.

Mildred Montague 45476	Lord Montague 12385	Pedro 3187	Domino of Darlington 2459.
			Eurotas 2454.
		Cretesia 13657	Lord Dartmouth 6302.
			Daisy Darling 6386.
	Champion G.'s Duchess 40768	Champion G. 12672	Champion's Son 3286.
			Pope's Flora Belle 13234.
		Warren's Duchess 3d 26836	Champion's Son 3286.
			Warren's Duchess 4622.

Minnie Montague 45474.—Yield of milk, 223 lbs. 4 oz.; yield of butter, 15 lbs. 5½ oz.; test made from May 23 to 30, 1891; age, 4 years and 1 month; estimated weight, 850 lbs.; fed during test, 4 lbs. bran and 5 lbs. cotton-seed cake meal daily—timothy, clover and blue grass pasture; property of Bordwell & Cochran, Batavia, Ohio.

Minnie Montague 45474	Lord Montague 12385	Pedro 3187	Domino of Darlington 2459.
			Eurotas 2454.
		Cretesia 13657	Lord Dartmouth 6302.
			Daisy Darling 6386.
	Ida Imperial 2d 28710	Champion's Son 3286	Champion of America 1567.
			Williams' Birdie 4659.
		Ida Imperial 19667	Imperial 2d 5254.
			Ida of Bear Lake 6169.

Mrs. Jack 50805.—Yield of milk, 247 lbs. 12 oz.; yield of butter, 15 lbs. 5 oz.; test made from May 4 to 11, 1893; age, 5 years and 6 months; actual weight, 740 lbs.; fed during test, 28 qts. corn meal, 21 qts. ground oats, 14 qts. cotton-seed meal, 28 qts. wheat shorts, 40 lbs. hay and 350 lbs. corn ensilage; property of J. F. Gulliver, Andover, Mass.

Mrs. Jack 50805	Prince Pogis 10682	Middlefield Boy 1331	Colt Jr. 825.
			Brighteyes 1517.
		Mary Anne of St. Lambert 9770	Stoke Pogis 3d 2238.
			Lolly of St. Lambert 5480.
	Lorna Doone of P. 31335	Bad Boy 4375	Vertumnus (P. S. 161 J. H. B.)
			Prairie Queen of St. Lawrence 9404.
		Alabama C. 15498	Farmer's Glory 5196 (F. S. 271 J. H. B.)
			Alabama (F. S. 2519 J. H. B.)

Wyoming 48849.—Yield of milk, 234 lbs. 7 oz.; yield of butter, 15 lbs. 5 oz.; test made from May 14 to 21, 1893; age, 5 years and 10 months; estimated weight, 900 lbs.; fed during test, 8 qts. corn meal, 8 qts. ground oats, 4 qts. wheat middlings, 2 qts. oil meal daily, in three feeds—pasture; property of George Fox, Torresdale, Pa.

Wyoming 48849	Butternut of Home Farm 6965	Pedro 3187	Domino of Darlington 2459.
			Eurotas 2454.
		Filbert 3630	Litchfield 674.
			Mel 5th 468.
	Duchess of Green Hill 15804	Cocheco 3810	Chelten Duke 924.
			Black Bess 1788.
		Duchess of Oakland 6927	Lebanon 1957.
			Young Stephanie 5103.

The Colonel's Daughter 50230.—Yield of milk, 285 lbs. 2 oz.; yield of butter, 15 lbs. 4½ oz.; test made from July 17 to 24, 1893; age, 5 years and 3 months; estimated weight, 900 lbs.; fed during test, 70 lbs. ground oats and corn, in equal parts, 14 lbs. old process linseed meal and 21 lbs. cotton-seed meal—short pasture; property of Ayer & McKinney, Philadelphia, Pa.

The Colonel's Daughter 50230	Colonel Stoke Pogis 18756	Stoke Pogis 5th 5987	Stoke Pogis 1259, imp.
			Marjoram 3239, imp.
		Nerissa of Nyack 9692	Rory O'More 3236.
			Rosa of Salem 6476.
	Hildmella 22315	Melville 5073	Magnetic 1428.
			Fancita 404.
		Hilda B-B-B 17640	Prince of Bridgewater 2d 4489.
			Hilda B-B 8599.

Exile's May 52765.—Yield of milk, 157 lbs. 8 oz.; yield of butter, 15 lbs. 4¼ oz.; test made from January 4 to 11, 1892; age, 3 years and 7 months; estimated weight, 900 lbs.; fed during test, 63 qts. corn meal, 21 qts. bran, 21 qts. fine feed, 14 qts. cotton-seed meal, 42 lbs. hay and 56 qts. roots; property of P. W. Arnold, Pawtucket, R. I.

Exile's May 52765	Exile of St. Lambert 13657	Bachelor of St. Lambert 4558	Orloff 3143.
			Charity of St. Lambert 6638.
		Allie of St. Lambert 24991	Stoke Pogis 3d 2238.
			Kathleen of St. Lambert 5122.
	St. John's Daisy 28388	St. John (P. S. 316 J. H. B.)	Carlo (P. S. 180 J. H. B.)
			Unique (F. S. 1035 J. H. B.)
		Letacq Bess.	

Bijou of St. Lambert 5112.—Yield of milk, 150 lbs. 10 oz.; yield of butter, 15 lbs. 4 oz.; test made from April 19 to 26, 1891; age, 16 years; estimated weight, 850 lbs.; fed during test, 14 lbs. oil meal, 14 lbs. pea meal, 35 lbs. corn meal, 30 lbs. crushed oats, 5 lbs. oatmeal, 14 lbs. bran and 60 lbs. hay; property of Ayer & McKinney, Philadelphia, Pa.

- Bijou of St. Lambert 5112
  - Lord Lisgar 1066
    - Victor Hugo 197, imp.
    - Pauline 494
      - On I. of J.
      - Hebe 489, imp.
  - Cupid of St. Lambert 5104
    - Laval 506
      - Defiance 196, imp.
      - Lisette 492, imp.
    - Amelia 484, imp.

Calla Europa 77810.—Yield of milk, 229 lbs.; yield of butter, 15 lbs. 4 oz.; test made from August 26 to September 2, 1892; age, 3 years; estimated weight, 700 lbs.; fed during test, green corn fodder—ordinary pasture; property of Mrs. J. H. Martin, Granville, N. Y.

- Calla Europa 77810
  - Othick Pedro 20511
    - King Peto 10541
      - Pedro 3187.
      - Alice W. of Milton 12852
    - Maud Westfield 17555
      - Mahkeenac 3290.
      - Flora Wood 7094.
  - Cream Calla 40233
    - Europa's Duke 4832
      - Brown Duke 2190.
      - Europa 176.
    - Creamlie Westfield 17818
      - Bishop's Brown Duke 4516.
      - Crême de la Crême 9887.

Dolly of Edgewood 83345.—Yield of milk, 174 lbs. 11 oz.; yield of butter, 15 lbs. 4 oz.; test made from November 10 to 17, 1893; age, 2 years and 7 months; estimated weight, 700 lbs.; fed during test, 35 qts. corn meal and 56 qts. wheat bran—hay *ad lib.*, poor pasture; property of Columbus Dixon, Gillespieville, Ohio.

- Dolly of Edgewood 83345
  - King Coomassie 2d 19545
    - King Coomassie 9148
      - Gold Coast 5521.
      - Coomassie 11874.
    - Koffee's Grisette 30433
      - King Koffee 5522.
      - Bonnie Grisette 2d 19526
  - Pridalia 17249
    - Minx 3410
      - Ginx 1536.
      - Fanny Micawber 1804.
    - Pride of the Hill 4877
      - Nutshell 729.
      - Guinevere 1484.

Exile's Buttercup 60643.—Yield of milk, 154 lbs.; yield of butter, 15 lbs. 4 oz.; test made from November 19 to 26, 1892; age, 2 years and 7 months; actual weight, 728 lbs.; fed during test, 42 qts. corn meal, 42 qts. oats and peas, 28 qts. oil meal, 28 qts. bran, 70 lbs. hay and 84 lbs. roots; property of H. L. S. Hall, Scottsville, N. Y.

- Exile's Buttercup 60643
  - Exile of St. Lambert 6th 17337
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Early Rosette 32070
      - Erie 6905.
      - Hattie L. 11737.
  - Lassie Baum 38213
    - Royal Dane 6th 5502
      - Royal Dane 3254.
      - Kaloolah 6452.
    - Lassie 2d 2363
      - Daniel Webster 403.
      - Lassie 1134.

Gracie A. 54524.—Yield of milk, 235 lbs.; yield of butter, 15 lbs. 4 oz.; test made from June 27 to July 4, 1893; age, 6 years and 2 months; actual weight, 925 lbs.; fed during test, 6 qts. corn meal, 6 qts. ground oats, 2 qts. ground oil-cake daily—good meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Gracie A. 54524.....
  - Duke of Ingleside 14274
    - Young Duke of Darlington 7231.....
      - Duke of Darlington 2460
      - Lady Vermont 11024.
    - Eveline of Jersey 6781...
      - Grey Prince (F. S. 168 J. H. B.)
      - Daisy (F.S. 1355 J.H.B.)
  - Queen Dodona 42375....
    - Gambetta M. 10012.....
      - Young Baltimore Boy 2048.
      - Embla 4799.
    - Dodona 4800.....
      - Saladin 447.
      - Doris 2099.

Mollie of St. Lambert 34644.—Yield of milk, 205 lbs.; yield of butter, 15 lbs. 4 oz.; test made from July 16 to 23, 1891; age, 6 years; estimated weight, 900 lbs.; fed during test, 8 lbs. corn germs, 4 lbs. ground oats and 2 lbs. oil meal daily—pasture, clover, timothy and brush sprouts; property of S. H. Evans, Tidioute, Pa.

- Mollie of St. Lambert 34644.....
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Mollie Garfield 2d 18662
    - Judge Mayo 5149.....
      - Bel Caliph 1432.
      - Maple Dale 2907.
    - Mollie Garfield 12172...
      - Bel Caliph 1432.
      - Maple Dale 2907.

Mona's Beauty 50041.—Yield of milk, 171 lbs.; yield of butter, 15 lbs. 4 oz.; test made from April 11 to 18, 1892; age, 5 years and 3 months; estimated weight, 850 lbs.; fed during test, 21 lbs. cotton-seed meal, 116 lbs. corn meal, 168 lbs. bran and fine feed, 128 lbs. hay and 35 lbs. roots; property of Pierce J. Cogswell, Rochester, N. Y.

- Mona's Beauty 50041.
  - Duke of Mona 10639....
    - Winner 5572.....
      - Duke of Darlington 2460
      - Nellie Darlington 5956.
    - Mona W. 11981.....
      - Duke of Darlington 2460
      - Sweet Anne Page 7112.
  - Cæsarea 3d 22588.....
    - Farmer's Glory 5196.... (F. S. 274 J. H. B.)
      - Grey King (P. S. 169 J. H. B.)
      - Bonheur (F. S. 1651 J. H. B.)
    - Mica (F. S. 2223 J. H. B.)

Nelope Pedro 50879.—Yield of milk, 219 lbs. 12 oz.; yield of butter, 15 lbs. 4 oz.; test made from June 24 to July 1, 1892; age, 5 years and 3 months; estimated weight, 850 lbs.; fed during test, clover pasture only; property of Mrs. J. H. Martin, Granville, N. Y.

- Nelope Pedro 50879...
  - King Peto 10541.....
    - Pedro 3187.....
      - Domino of Darlington 3459.
      - Eurotas 2454.
    - Alice W. of Milton 12852
      - King of Scitnate 3622.
      - Lady Wellington of Milton 12234.
  - Nellie of Cedar Glen 10949.....
    - Fitz 1988.....
      - Pagan 1800.
      - Canary Bird 2d 4264.
    - Nellie Parks 3766, imp.

Olga H. 60619.—Yield of milk, 195 lbs. 4 oz.; yield of butter, 15 lbs. 4 oz.; test made from November 30 to December 7, 1893; age, 5 years and 9 months; estimated weight, 970 lbs.; fed daily during test, 9 qts. corn and gluten meal, 4½ qts. oatmeal and 3 pts. old process oil meal—hay, 8 qts. potatoes; property of E. C. Newton, Hudson, Ohio.

- Olga H. 60619
  - Tamy's Rioter 15288
    - Lord Darlington 7285
      - Duke of Darlington 2460
      - Marjoram 3239, imp.
    - Tamy 3d 7127
      - Prince of Warren 1512.
      - Tamy 4621.
  - Olo H. 14455
    - Clusius H. 5781
      - Homer H. 3683.
      - Gilda 2779.
    - Ionia H. 12333
      - Homer H. 3683.
      - Zilda H. 12324.

Oonamistle 64469.—Yield of milk, 232 lbs.; yield of butter, 15 lbs. 4 oz.; test made from June 26 to July 3, 1893; age, 4 years and 9 months; estimated weight, 800 lbs.; fed during test, 4 qts. each of Buffalo gluten meal and wheat middlings, mixed, per day—rough pasture, natural grasses; property of George W. Sisson, Jr., Potsdam, N. Y.

- Oonamistle 64469
  - Oonan's Pogis 17165
    - Ida's Stoke Pogis 13658
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Oonan 1485
      - Rajah 340, imp.
      - Omoo 1247, imp.
  - Mistle 26125
    - Nero du Coin (P. S. 433 J. H. B.)
      - Nero (P. S. 248 J. H. B.)
      - Daisy (P. S. 421 J. H. B.)
    - Mist 26087 (F. S. 3218 J. H. B.)
      - Young Prince (P. S. 182 J. H. B.)
      - Belle of Geneva (F. S. 1648 J. H. B.)

Howdy 55119.—Yield of milk, 237 lbs. 11 oz.; yield of butter, 15 lbs. 3½ oz.; test made from April 22 to 29, 1892; age, 3 years and 6 months; estimated weight, 650 lbs.; fed during test, 6 qts. corn meal, 6 qts. ground oats, 7 qts. shorts and 1 pt. oil meal daily—no pasture; property of D. F. Appleton, Ipswich, Mass.

- Howdy 55119
  - Young Pedro 9033
    - Pedro 3187
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Rioter Alphea 10091
      - Jason Jr. 3270.
      - Chansonnette 5695.
  - Princess Chrysantha 34191
    - Prince Pogis 10682
      - Middlefield Boy 1331.
      - Mary Anne of St. Lambert 9770.
    - Chrysantha 23465
      - Rockingham 5382.
      - Katie Kohlman 7270.

Sunny Pogis 61919.—Yield of milk, 249 lbs. 2 oz.; yield of butter, 15 lbs. 3½ oz.; test made from April 29 to May 6, 1893; age, 5 years and 3 months; estimated weight, 700 lbs.; fed during test, 14 gals. corn meal, 17½ gals. bran, 3½ gals. cob meal and 3½ gals. cotton-seed meal—Bermuda grass pasture; property of M. Lothrop, Marshall, Tex.

- Sunny Pogis 61919
  - Prince of Melrose 4819
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Sunny Girl 26276
    - Carnival 5110
      - The Hub 1009.
      - Romp Ogden 2d 4764.
    - Sunny South 6830
      - Proxy 1714.
      - Effie of Staatsburgh 3194

Temisia of Winnikee 46604.—Yield of milk, 205 lbs. 12 oz.; yield of butter, 15 lbs. 3½ oz.; test made from November 24 to December 1, 1891; age, 5 years and 2 months; estimated weight, 900 lbs.; fed during test, 7 qts. corn meal, 15 qts. oatmeal, 36 qts. bran, 5 qts. cotton-seed meal, 3½ qts. oil meal and 7 bushels ensilage; property of R. A. Sibley, Spencer, Mass.

- Temisia of Winnikee 46604....
  - Rienzi of Winnikee 18948.....
    - Pedro 3187.....
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Darlington Scituate 12493.....
      - Duke of Scituate 3623.
      - Satin 10329.
  - Tesina of Winnikee 46402.....
    - Ramapo 4679.....
      - Miletus 3186.
      - Eurotas 2454.
    - Countess Tesa 15418....
      - Blue Jacket (P. S. 209 J. H. B.)
      - Samarés (F. S. 944 J. H. B.)

Alice of Clovernook 77532.—Yield of milk, 138 lbs.; yield of butter, 15 lbs. 3 oz.; test made from November 29 to December 6, 1893; age, 3 years and 11 months; estmated weight, 750 lbs.; fed during test, 4 qts. ground oats, 4 qts. bran, 2 qts. cotton-seed meal and 2 qts. corn-hearts and oat straw—poor pasture; property of S. N. Warren, Spring Hill, Tenn.

- Alice of Clovernook 77532.....
  - Dixie Prince 18379.....
    - Southern Prince 10760..
      - Forget-me-not 6291.
      - Oxford Kate 13646.
    - Thekla of Clover Nook 33445.....
      - Gold Basis 4038.
      - Jazel's Maid 11011.
  - Toltec's Alice 31885....
    - Toltec 6831.....
      - Tormentor 3533.
      - Oonan 1485.
    - Sweet Alice 6402.....
      - Noobel 1399.
      - Anna Roxbury 1803.

Talaney 69361.—Yield of milk, 253 lbs. 14 oz.; yield of butter, 15 lbs. 3 oz.; test made from March 23 to 30, 1893; age, 3 years and 4 months; estimated weight, 750 lbs.; fed during test, 56 lbs. cotton-seed, 30 lbs. ground oats and 87 lbs. corn meal—pasture; property of Neal Caldwall, Centre Point, Tex.

- Talaney 69361.....
  - Texas Wanderer 14453..
    - Wanderer 3014.....
      - Signal 1170.
      - Cosette 3874.
    - Mayonnaise of Belle Vue 12110.....
      - Jazel 3501.
      - Miss Billiards of Belle Vue 9568.
  - Talasse 41315.....
    - Lorelle's Duke 10175....
      - Romping Lad 4435.
      - Lorelle 12913.
    - Ethel Newcome 6833...
      - Proxy 1714.
      - Effie Goodloe 4806.

Tortilla 55528.—Yield of milk, 175 lbs. 8 oz.; yield of butter, 15 lbs. 3 oz.; test made from May 2 to 9, 1893; age, 4 years and 9 months; estimated weight, 900 lbs.; fed during test, 10 lbs. corn-hearts and 2 lbs. cut sheaf oats twice daily—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Tortilla 55528.....
  - Tormentor 3533..... (F. S. 259 J. H. B.)
    - Khedive ..... (P. S. 103 J. H. B.)
      - Leo (F. S. 198 J. H. B.)
      - Coomassie 11874 (F. S. 1442 J. H. B.)
    - Angela (F. S. 1607 J. H. B.)
  - Solava 20928.....
    - Signalda 4027.....
      - Signal 1170.
      - Alda 3873.
    - Odelle Sales 15564.....
      - Tormentor 3533
      - Oonan 1485.

Bronx Clover Blossom 38676.—Yield of milk, 214 lbs. 8 oz.; yield of butter, 15 lbs. 2½ oz.; test made from February 19 to 26, 1892; age, 7 years and 2 months; estimated weight, 800 lbs.; fed during test, 9 lbs. corn meal, 6 lbs. bran, 2 lbs. cotton-seed meal, 40 lbs. ensilage and 6 lbs. cut hay daily—dry hay *ad lib.*; property of H. A. Huntington, Higganum, Conn.

- Bronx Clover Blossom 38676
  - Meg's Lord Bronx 11537
    - Lord Bronx 2d 1730
      - Lord Bronx 938.
      - Picture 1533.
    - Meg Mitchell 4187
      - Ishmael Hurd 1548.
      - Victoria Guelph 3898.
  - Burckel's Clover Blossom 15609
    - Vermonter 5620
      - Pomfret 3415.
      - Evelyn 2d 6727.
    - Ballard's Clover Blossom 9783
      - Champion of America 1567.
      - Clover Blossom 4057.

Miss Clifford 3d 63360.—Yield of milk, 266 lbs. 2 oz.; yield of butter, 15 lbs. 2½ oz.; test made from June 20 to 27, 1893; age, 5 years and 2 months; estimated weight, 850 lbs.; fed during test, 30 lbs. coarse wheat bran, 40 lbs. corn meal and 20 lbs. old process oil meal; property of A. S. Bell, London, Ohio.

- Miss Clifford 3d 63360
  - Stoke Pogis Trio 15448.
    - Stoke Pogis Prince 11005
      - King Rioter 6075.
      - Dreadnaught's Pride 13539.
    - Pride of Vernon 21067
      - Legrand 6609.
      - Lobelia 4379.
  - Miss Clifford 27962
    - Gold Rope 6139
      - Dudley 3999.
      - Warren's Duchess 4622.
    - Jessie Benton 11183
      - Imperial 505.
      - Dot of Bear Lake 6170.

Allie's Queen 45618.—Yield of milk, 216 lbs. 11 oz.; yield of butter, 15 lbs. 2 oz.; test made from May 17 to 24, 1891; age, 4 years and 10 months; estimated weight, 900 lbs.; fed during test, 16 lbs. corn meal and ship stuff, mixed, in two feeds, daily—clover, blue and orchard grass pasture; property of George M. Jewett, Glenville, Md.

- Allie's Queen 45618
  - King Allie 14290
    - King of Ashantee 6677
      - Fairfield 4733.
      - Coomassie 11874.
    - Allie Minka 2d 18989
      - Tormentor 3533.
      - Allie Minka 2982.
  - Fairy Queen of St. Brelade's 7464
    - Duke (P. S. 76 J. H. B.). (1905 A. J. C. C.)
      - Merry Boy (P. S. 61 J. H. B.)
      - Superb (F. S. 353 J. H. B.)
    - On I. of J.

Exile's Effie 40526.—Yield of milk, 202 lbs. 8 oz.; yield of butter, 15 lbs. 2 oz.; test made from February 25 to March 4, 1890; age, 3 years and 5 months; estimated weight, 975 lbs.; fed during test, 30 lbs. daily of a mixture composed of 125 lbs. corn meal, 80 lbs. oil meal, 30 lbs. fine feed, 15 lbs. bran and 15 lbs. ground oats; property of A. D. McBride, Rochester, N. Y.

- Exile's Effie 40526
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Lady Woodbine 26803
    - Stand Point 7th 7929
      - Stand Point 4508.
      - Belmeda 6229.
    - Lady Madge 25541
      - Sir Duke 1907.
      - Belle of Spring Mill 10786.

Jetty d'Or 39845.—Yield of milk, 208 lbs. 15 oz.; yield of butter, 15 lbs. 2 oz.; test made from September 24 to October 1, 1892; age, 7 years and 11 months; estimated weight, 925 lbs.; fed during test, 28 qts. corn meal, 42 qts. germ bran and 42 qts. common bran—pasture of mixed grasses; property of Fulton Dixon, Gillespieville, Ohio.

- Jetty d'Or 39845
  - Rayon d'Or 7516
    - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Grey King (P. S. 169 J. H. B.)
      - Bonheur (F. S. 1651 J. H. B.)
    - Coomassie 11874 (F. S. 1442 J. H. B.)
      - Neptune (P. S. 14 J. H. B.)
      - Jersey Pride (F. S. 1716 J. H. B.)
  - Jetty Lee 7988
    - Sweepstakes Duke 1905. (P. S. 76 J. H. B.)
      - Merry Boy (P. S. 61 J. H. B.)
      - Superb (F. S. 353 J. H. B.)
    - Velvet of Hingham, 1996, imp.

Pogis' May's Pride 58577.—Yield of milk, 159 lbs. 12 oz.; yield of butter, 15 lbs. 2 oz.; test made from September 30 to October 7, 1891; age, 3 years and 11 months; estimated weight, 825 lbs.; fed during test, 39 lbs. oatmeal, 34 lbs. corn meal, 32 lbs. bran, 19 lbs. oil meal and about 70 lbs. hay—40 lbs. green cut corn and millet daily; property of Ayer & McKinney, Philadelphia, Pa.

- Pogis' May's Pride 58577
  - Guy Mannering Pogis 16365
    - Stoke Pogis 5th 5987...
      - Stoke Pogis 1259. imp.
      - Marjoram 3239. imp.
    - Vanity Fair 4137...
      - Guy Mannering 698.
      - Miss Fair 4135.
  - Pogis' May 26950...
    - Stoke Pogis 5th 5987...
      - Stoke Pogis 1259. imp.
      - Marjoram 3239. imp.
    - Lottie May 17201...
      - Young Baltimore Boy 2048.
      - Dorcas 4th 3533.

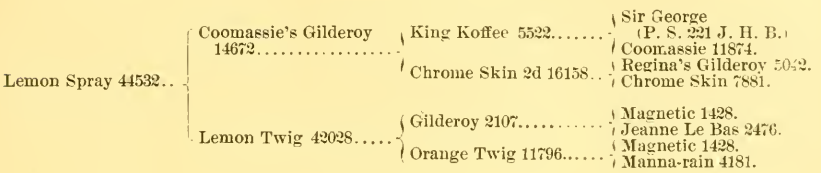
Very Pretty 29184.—Yield of milk, 236 lbs. 4 oz.; yield of butter, 15 lbs. 2 oz.; test made from June 29 to July 6, 1892; age, 8 years and 1 month; estimated weight, 800 lbs.; fed during test, 42 qts. corn meal, 42 qts. ground oats, 3½ qts. oil meal and 21 pks. cut clover hay; property of Mrs. Flora A. Home, Rochester, N. Y.

- Very Pretty 29184
  - Lemon Peel's Duke (P. S. 479 J. H. B.)
    - Lemon Peel (P. S. 320 J. H. B.)
      - Bobby (P. S. 208 J. H. B.)
      - Regalia (F. S. 1904 J. H. B.)
    - Polly (P. S. 599 J. H. B.)
      - Bellus (F. S. 273 J. H. B.)
      - Maggie (F. S. 1566 J. H. B.)
  - Rather Pretty (F. S. 5933 J. H. B.)

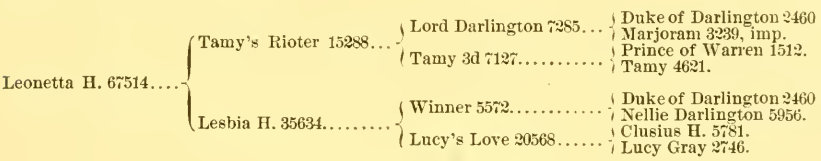
Exile's Onnalinda 65189.—Yield of milk, $158\frac{6}{10}$ lbs.; yield of butter, 15 lbs. 1½ oz.; test made from December 14 to 21, 1892; age, 2 years and 8 months; actual weight, 810 lbs.; fed during test, 42 qts. corn meal, 28 qts. bran, 42 qts. peas and oats, 42 qts. oil meal, 210 lbs. corn ensilage and 28 lbs. hay; property of H. L. S. Hall, Scottsville, N. Y.

- Exile's Onnalinda 65189
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558...
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991...
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Lady Alexis 26916...
    - Duke of Albany 3899...
      - Grand Duke Alexis 1040.
      - Katydidn't 2734.
    - Belle of Maple Grove 11334...
      - Asteroid 858.
      - Madam Juny 11333.

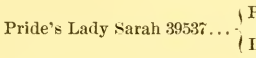
Lemon Spray 44532.—Yield of milk, 234 lbs. 8 oz.; yield of butter, 15 lbs. 1½ oz.; test made from May 9 to 16, 1892; age, 5 years and 1 month; estimated weight, 700 lbs.; fed during test, 14 lbs. corn-hearts daily, in two feeds—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.



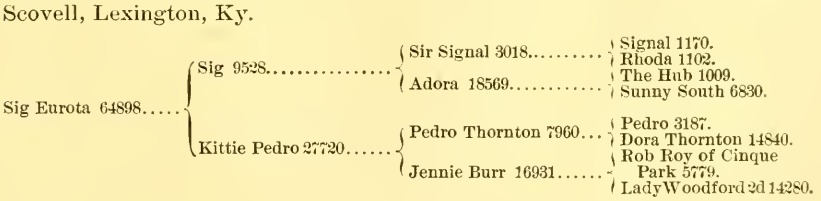
Leonetta H. 67514.—Yield of milk, 196 lbs. 12 oz.; yield of butter, 15 lbs. 1½ oz.; test made from December 19 to 26, 1893; age, 4 years and 9 months; estimated weight, 900 lbs.; fed daily during test, 9 qts. corn and gluten meal, 9 qts. oatmeal and 3 pts. old process oil meal—hay, 8 qts. potatoes; property of E. C. Newton, Hudson, Ohio.



Pride's Lady Sarah 39537.—Yield of milk, 232 lbs. 2 oz.; yield of butter, 15 lbs. 1½ oz.; test made from March 22 to 29, 1891; age, 5 years; actual weight, 920 lbs.; fed during test, 6 lbs. yellow meal, 5 lbs. wheat bran, 1 lb. oil meal, 20 lbs. corn ensilage, 5 lbs. cut hay and 6 lbs. carrots daily; property of S. K. Schwenk, Marconnier, N. J.



Sig Eurota 64898.—Yield of milk, 301 lbs. 11 oz.; yield of butter, 15 lbs. 1½ oz.; test made from May 14 to 21, 1891; age, 5 years and 4 months; estimated weight, 850 lbs.; fed during test, 35 lbs. shelled oats, 35 lbs. corn meal, 42 lbs. bran and 2 lbs. flaxseed—rich blue grass pasture; property of M. A. Scovell, Lexington, Ky.



Signal's Bijou 60800.—Yield of milk, 209 lbs. 4 oz.; yield of butter, 15 lbs. 1½ oz.; test made from December 14 to 21, 1892; age, 3 years and 8 months; estimated weight, 750 lbs.; fed during test, 280 lbs. ensilage, 70 lbs. hay, 42 lbs. corn meal, 42 lbs. ground oats, 42 lbs. wheat bran and 31½ lbs. cotton-seed meal; property of William Hart Dexter, Springfield, Mass.

- Signal's Bijou 60800
  - Croton's Signal 17614
    - Signalda 4027
      - Signal 1170.
      - Alda 3873.
    - Croton Maid 5305
      - Signal 1170.
      - Lucilla 2735, imp.
  - The Maid's Gem 42750
    - Signalda 4027
      - Signal 1170.
      - Alda 3873.
    - Croton Maid 2d 14525
      - Sweepstakes Duke 1905.
      - Croton Maid 5305.

Careta Pogis 42784.—Yield of milk, 295 lbs. 2 oz.; yield of butter, 15 lbs. 1^{1}_{4} oz.; test made from July 8 to 15, 1892; age, 5 years and 4 months; actual weight, 764 lbs.; fed during test, 42 qts. oats, 70 qts. corn and 84 qts. bran—some green cut oats and peas; property of Mrs. E. F. Hawley, Pittsford, N. Y.

- Careta Pogis 42784
  - Rioter's Combination 10363
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Pride of Windsor 483, imp.
  - Careta 19092
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Mousy 2d 14962
      - Romulus (P. S. 181 J. H. B.)
      - Mousy (F. S. 1931 J. H. B.)

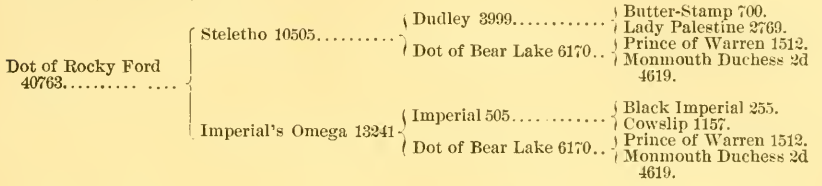
Daisy of Sunnyside 16338.—Yield of milk, 267 lbs. 4 oz.; yield of butter, 15 lbs. 1 oz.; test made from June 20 to 27, 1893; age, 11 years and 11 months; actual weight, 940 lbs.; fed during test, 21 lbs. bran, 14 lbs. middlings, 28 lbs. corn meal, 12 lbs. oil meal and 46 lbs. oats—natural pasture of indifferent quality; property of J. E. Tyrrell, Marysville, Ohio.

- Daisy of Sunnyside 16338
  - Louis of Highland 4854
    - Louis 450, imp.
    - Martha of Highland 5320
      - Harold of Highland 1830.
      - Nora Leila 4183.
  - Marée 6592
    - Harold of Highland 1890
      - Imperial 505.
      - Grace of Clifton 716.
    - Mollie Hilands 4180
      - Atlas 2d 1752.
      - René 5th 4179.

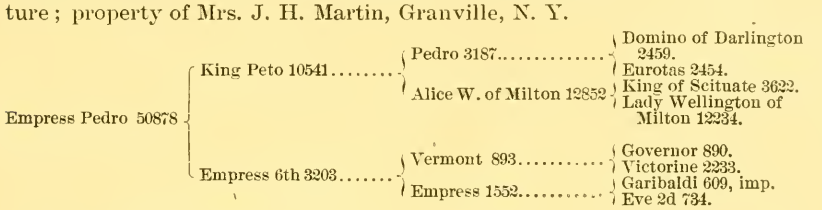
Darling Pansy 44830.—Yield of milk, 223 lbs. 4 oz.; yield of butter, 15 lbs. 1 oz.; test made from June 19 to 26, 1892; age, 4 years and 11 months; estimated weight, 650 lbs.; fed during test, 3 gals. corn, oats and barley chop and 1 qt. oil meal daily—good but wet pasture; property of Belmont Jersey Cattle Co., Columbus, Ohio.

- Darling Pansy 44830
  - Crystal 9324
    - Cloverine 3510
      - Grand Duke Alexis 1040.
      - Kitty Clover 1113.
    - Chrissy 2d 7720
      - Grand Duke Alexis 1040.
      - Chrissy 1448.
  - Pansy McGrew 26993
    - Baron de Alphea 5411
      - Chief of Mad River Valley 2934.
      - Cremona 6721.
    - Queen of the Miamis 6793
      - Mr. Guppy 993.
      - Hazalena 3275.

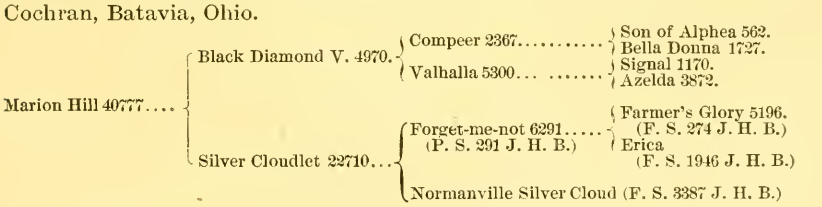
Dot of Rocky Ford 40763.—Yield of milk, 246 lbs. 8 oz.; yield of butter, 15 lbs. 1 oz.; test made from May 23 to 30, 1891; age, 6 years and 5 months; estimated weight, 950 lbs.; fed during test, 5 lbs. bran and 4 lbs. oil meal daily—short pasture, timothy, clover and blue grass; property of Bordwell & Cochran, Batavia, Ohio.



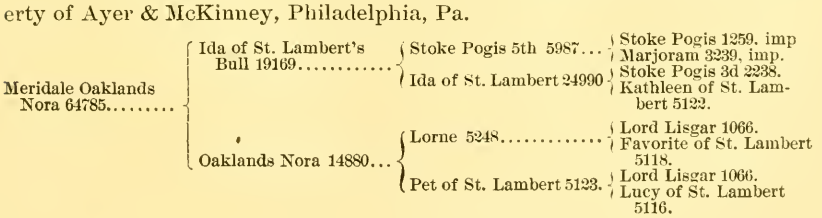
Empress Pedro 50878.—Yield of milk, 194 lbs. 12 oz.; yield of butter, 15 lbs. 1 oz.; test made from October 9 to 16, 1893; age, 6 years and 9 months; estimated weight, 700 lbs.; fed during test, green corn fodder and good pasture; property of Mrs. J. H. Martin, Granville, N. Y.



Marion Hill 40777.—Yield of milk, 201 lbs. 8 oz.; yield of butter, 15 lbs. 1 oz.; test made from June 13 to 20, 1891; age, 5 years and 11 months; estimated weight, 950 lbs.; fed during test, 5 lbs. bran and 5 lbs. cotton-seed meal daily—timothy, clover and blue grass pasture; property of Bordwell & Cochran, Batavia, Ohio.



Meridale Oaklands Nora 64785.—Yield of milk, 174 lbs. 6 oz.; yield of butter, 15 lbs. 1 oz.; test made from December 4 to 11, 1891; age, 2 years and 5 months; estimated weight, 750 lbs.; fed during test, 49 lbs. oatmeal, 49 lbs. corn meal, 28 lbs. bran, about 70 lbs. hay and 126 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.



Narda 38012.—Yield of milk, 172 lbs.; yield of butter, 15 lbs. 1 oz.; test made from May 2 to 9, 1891; age, 6 years and 1 month; estimated weight, 1,000 lbs.; fed during test, 24 lbs. corn-hearts daily; property of Campbell Brown, Spring Hill, Tenn.

- Narda 38012
  - Tormentor 3533 (F. S. 259 J. H. B.)
    - Khedive (P.S.103 J.H.B.)
      - Leo (F. S. 198 J. H. B.)
      - Coomassie 11874, imp. (F. S. 1442 J. H. B.)
    - Angela (F.S.1607 J.H.B.)
  - Mattie Hunter 19798
    - Marquis of Bute 3502
      - On I. of J.
      - Beauty of Belle Vue 6953, imp.
    - Dovie of Linwood 6857
      - Rector 1458.
      - Lady Dove 4418.

Pearl's Oonan 2d 86105.—Yield of milk, 171 lbs. 8 oz.; yield of butter, 15 lbs. 1 oz.; test made from June 16 to 23, 1893; age, 3 years; estimated weight, 725 lbs.; fed during test, 56 qts. ground oats, 56 qts. corn meal and 28 qts. wheat bran—a little clover hay, white clover and blue grass pasture: property of C. Morgan, Columbia, Tenn.

- Pearl's Oonan 2d 86105
  - Landseer's Pogis 15847
    - Pogis Chief 3998
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Landseer's Fancy 2876
      - Landseer 331.
      - Young Fancy 97.
  - Pearl's Oonan 32288
    - Oonan's Rajah 8965
      - Lord Harry 3445.
      - Oonan 1485.
    - Pearl Button 10372
      - Coupon Clipper 2840.
      - Button 2d 3160.

Pride's Lady Rushmore 35182.—Yield of milk, 210 lbs. 7 oz.; yield of butter, 15 lbs. 1 oz.; test made from December 1 to 8, 1892; age, 8 years and 10 months; estimated weight, 850 lbs.; fed during test, 16 qts. equal parts of corn meal, ground oats and wheat bran, with 1 pt. oil meal, daily—hay *ad lib.* and 15 lbs. ensilage; property of Walter W. Law, Whitson, N. Y.

- Pride's Lady Rushmore 35182
  - Pride of the Island 5416, imp.
  - Lady Rushmore 11812, imp.

Rosa Ramsey 25875.—Yield of milk, 224 lbs.; yield of butter, 15 lbs. 1 oz.; test made from July 22 to 29, 1893; age, 9 years and 4 months; estimated weight, 900 lbs.; fed during test, 4 qts. bran, 6 qts. ground oats, 4 qts. corn meal and 2 qts. oil meal daily—pasture of natural grasses; property of George W. Sisson, Jr., Potsdam, N. Y.

- Rosa Ramsey 25875
  - Duke of Ramsey's 6947
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Anna Smith 10324
      - Smith of Darlington 2458.
      - Violet of Darlington 5573.
  - Rosa F. W. 13226
    - Duke F. 6134
      - Byron 279.
      - Dazzle 379.
    - Rose F. 2d 13224
      - Byron 279.
      - Rose F. 13222.

Pride's Lady Lillie 35181.—Yield of milk, 201 lbs. 1 oz.; yield of butter, 15 lbs. $^3_4$ oz.; test made from June 7 to 14, 1892; age, 8 years and 5 months; estimated weight, 1,000 lbs.; fed during test, 8 qts. daily of equal parts corn meal, ground oats and wheat bran—good permanent pasture; property of Walter W. Law, Whitson, N. Y.

- Pride's Lady Lillie 35181
  - Pride of the Island 5416, imp.
  - Lady Lillie 11813, imp.

Ida of Oakland 2d 72061.—Yield of milk, 185 lbs. 6 oz.; yield of butter, 15 lbs. ½ oz.; test made from September 4 to 11, 1893; age, 4 years; actual weight, 912 lbs.; fed during test, 84 qts. ground corn and oats, 105 qts. wheat bran and 21 qts. oil meal—hay; property of G. D. Briggs, East Aurora, N. Y.

- Ida of Oakland 2d 72061
  - Ida's Spot of St. L. 15442
    - Ida's Rioter of St. L. 13656
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Spot's Cherie 14973
      - Spot (F. S. 319 J. H. B.)
      - Ploughboy's Cherie 14959.
  - Ida of Oakland 35798
    - Ida's Rioter of St. L. 13656
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990
    - Lady of Oakland 11101.
      - Thorndale 2582.
      - Malvina of Staatsburgh 5238.

Pomona's May Day Pogis 56249.—Yield of milk, 188 lbs. 10 oz.; yield of butter, 15 lbs. ½ oz.; test made from August 24 to 31, 1891; age, 2 years and 7 months; estimated weight, 750 lbs.; fed during test, 14 lbs. oil meal, 42 lbs. corn meal, 42 lbs. oatmeal and 38 lbs. bran—good pasture, green oats and peas; property of Ayer & McKinney, Philadelphia, Pa.

- Pomona's May Day Pogis 56249
  - King of St. Lambert 15175
    - Ida's Rioter of St. L. 13656
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - May Day Stoke Pogis 28353
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - May Day of St. Lambert 5109
      - Lord Lisgar 1066.
      - Ierne 1373.

Ella Rosewood's Daisy 32787.—Yield of milk, 280 lbs.; yield of butter, 15 lbs.; test made from June 6 to 13, 1891; age, 7 years; estimated weight, 850 lbs.; fed during test, 8 lbs. corn meal, 4 lbs. bran and 2 lbs. cotton-seed meal daily—fair pasture; property of Frank E. Shaw, Dunkirk, N. Y.

- Ella Rosewood's Daisy 32787
  - Darling Scituate 7499
    - Duke of Scituate 3623
      - Pharos Jr. 3621.
      - Jersey Belle of Scituate 7828.
    - Duchess of Darlington 13830
      - Duke of Darlington 2460
      - Minnie Stevens 13059.
  - Ella Rosewood 2d 23602.
    - Marquis of Lossie 3512.
      - Litchfield 674.
      - Victoria Guelph 3898.
    - Ella Rosewood 14913.
      - Roscoe 925.
      - Ella of Beechwood 5800.

Landseer's Pogene 85743.—Yield of milk, 227 lbs. 12 oz.; yield of butter, 15 lbs.; test made from July 1 to 8, 1893; age, 4 years and 6 months; estimated weight, 800 lbs.; fed during test, 56 qts. ground oats, 56 qts. corn meal and 28 qts. wheat bran—short pasture; property of Morgan & Brown, Columbia, Tenn.

- Landseer's Pogene 85743
  - Landseer's Pogis 15847.
    - Pogis Chief 3998
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Landseer's Fancy 2876.
      - Landseer 331.
      - Young Fancy 97.
  - Davy's Dot 41693
    - Augustus Davy 15583.
      - Tormentor 3533.
      - Augusta Davy 2431.
    - Dot 2d 621.
      - Blücher 2d 102.
      - Dot 34.

Signora Signal 39396.—Yield of milk, 215 lbs. 4 oz.; yield of butter, 15 lbs.; test made from October 19 to 26, 1890; age, 4 years and 9 months; estimated weight, 800 lbs.; fed during test, 84 lbs. corn meal—good fall pasture; property of George M. Jewett, Glenville, Md.

- Signora Signal 39396.
  - Conklin's Signal 11050..
    - Signal Jupiter Chief 8704
      - Signal Jupiter 8703.
      - Lita 4930.
    - Signal Jupiter Queen 18808.....
      - Signal Jupiter 8703.
      - Lady Sarah 4931.
  - Magnorant 12509.....
    - Magnefant 2565.....
      - Magnetic 1428.
      - Fantine 1271.
    - Magnora 5158.....
      - Magnetic 1428.
      - Belnora 4000.

Thorndale Belle 6th 44885.—Yield of milk, 226 lbs. 6 oz.; yield of butter, 15 lbs.; test made from November 28 to December 5, 1891; age, 7 years and 1 month; estimated weight, 800 lbs.; fed during test, 64 lbs. dried brewer's grains, 56 lbs. bran and 54 lbs. corn meal—hay and cut corn-stalks; property of Oakleigh Thorne, Millbrook, N. Y.

- Thorndale Belle 6th 44885.....
  - Dido's Duke 4678.....
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Dido 1234, imp.
  - Thorndale Belle 5265....
    - Barney 1491, imp.
    - Lena Lewis 3735.....
      - Frank Warren 1490.
      - Fawn 3d 3707.

Tilda Ives 17707.—Yield of milk, 285 lbs.; yield of butter, 15 lbs.; test made from June 11 to 18, 1893; age, 11 years and 4 months; estimated weight, 1,000 lbs.; fed during test, 4 qts. Buffalo gluten meal and 4 qts. middlings, mixed, daily—natural pasture; property of George W. Sisson, Jr., Potsdam, N. Y.

- Tilda Ives 17707.....
  - Ned Dean 5387.....
    - Ned Ives 3631.....
      - Beeswax 1931.
      - Lady Ives 1708.
    - Little Han 8004.....
      - Norajah 812.
      - Hannah Duncan 3d 4029.
  - Tilda of Brookside 10871
    - Earl of Brookside 1677.
      - Kago 1353.
      - Kosi 3431, imp.
    - Tilda 3720 .....
      - Bismarck 292.
      - Judy 691.

Vaniah of St. Lambert 71374.—Yield of milk, 205 lbs. 13 oz.; yield of butter, 15 lbs.; test made from December 18 to 25, 1893; age, 3 years and 2 months; estimated weight, 700 lbs.; fed during test, 8 qts. bran, 12 qts. ground oats and corn, 2 qts. old process linseed meal and 60 lbs. clover hay; property of Mrs. Kate M. Busick, Wabash, Ind.

- Vaniah of St. Lambert 71374.....
  - Diana's Rioter 10481....
    - Sir George of St. Lambert 6036.....
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 483, imp.
    - Diana of St. Lambert 6636.....
      - Stoke Pogis 3d 2238.
      - Pet of St. Lambert 5123.
  - Vaniah 6th 48126.....
    - Diana's Rioter 10481....
      - Sir George of St. Lambert 6036.
      - Diana of St. Lambert 6636.
    - Vaniah 6597.....
      - Iron Bank 1120.
      - Matchless 1277.

Wanderer's Shiloh 65942.—Yield of milk, 215 lbs.; yield of butter, 15 lbs.; test made from March 14 to 21, 1893; age, 5 years and 11 months; estimated weight, 900 lbs.; fed during test, 70 lbs. bran, 60 lbs. corn meal and 45 lbs. oil meal; property of Cornelius Easthope, Niles, Ohio.

- Wanderer's Shiloh 65942
  - Azelda's Wanderer 12997
    - Wanderer 3014
      - Signal 1170.
      - Cosette 3874.
    - Azelda 3872
      - Grand Duke Alexis 1040
      - Grand Duchess of St. Peter's 2733.
  - Shiloh Daughter 20378
    - Chatelaine's Dayton 5311
      - Dayton 1635.
      - Chatelaine 1916.
    - Amber of Cottage Grove 14225
      - Bazoo 3d 6550.
      - Miss Grundy 8174.

Bertha Stoke Pogis 35206.—Yield of milk, 142 lbs.; yield of butter, 14 lbs. 15½ oz.; test made from July 1 to 8, 1891; age, 6 years; estimated weight, 775 lbs.; fed during test, 8 lbs. corn meal, 8 lbs. fine feed and bran, 4 lbs. cotton-seed meal and oil meal daily—dry hay, mixed with green oats and peas, three times daily; property of P. J. Cogswell, Rochester, N. Y.

- Bertha Stoke Pogis 35206
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Lady Bullard 24648
    - Guido 3521
      - Beacon Comet 16th 1282.
      - Mocha 2d 4881.
    - Grouville Lass 11789
      - Leopold 2d (P. S. 80 J. H. B.)
      - On I. of J.

Ella Europa 61062.—Yield of milk, 208 lbs. 2 oz.; yield of butter, 14 lbs. 15½ oz.; test made from January 28 to February 4, 1893; age, 5 years; estimated weight, 775 lbs.; fed during test, 168 lbs. of a mixture of equal parts of corn meal, oats and bran, and 7 lbs. oil meal—clover and corn fodder; property of Mrs. L. C. Smith, White Water, Wis.

- Ella Europa 61062
  - Rioter's Victory 16446
    - Ida's Rioter of St. L. 13656
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990
    - That Lass o' Lowrie's 9128
      - On I. of J.
      - Rozel Lass 7280, imp.
  - Ella Esmond 35225
    - Henry Esmond 12301
      - Mahkeenac 3290.
      - Hennie 3335.
    - Lady Mahopac 8613
      - Young St. Martin 2219.
      - Lady Augusta 2d 1151.

Lucy Lee H. 58106.—Yield of milk, 229 lbs. 8 oz.; yield of butter, 14 lbs. 15½ oz.; test made from June 2 to 9, 1893; age, 4 years and 10 months; estimated weight, 750 lbs.; fed during test, 56 qts. ground oats, 56 qts. corn meal and 28 qts. wheat bran—little clover hay, mixed white clover and blue grass pasture; property of Morgan & Brown, Columbia, Tenn.

- Lucy Lee H. 58106
  - Landseer's Pogis 15847
    - Pogis Chief 3998
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Landseer's Fancy 2876
      - Landseer 331.
      - Young Fancy 97.
  - Tolteca 44762
    - Toltec 6831
      - Tormentor 3533.
      - Oonan 1485.
    - Duke's Signal Queen 32323
      - Croton Maid's Duke 6658.
      - Leopard Queen 20711.

Justa Pogis 64863.—Yield of milk, 262 lbs. 10½ oz.; yield of butter, 14 lbs. 15¼ oz.; test made from May 23 to 30, 1892; age, 3 years and 8 months; estimated weight, 850 lbs.; fed during test, 82 lbs. corn meal, 16 lbs. ground oats and 30 lbs. bran—blue grass pasture; property of Kentucky Agricultural Experiment Station, Lexington, Ky.

- Justa Pogis 64863....
  - Jupiter Pogis 18192.....
    - Stoke Pogis 5th 5987....
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Juliette of St. Lambert 5483 .....
      - Buffer 2055.
      - Rosette of St. Lambert 5108.
  - Jenny Justa 43731.....
    - Yakout 6842.....
      - Ori 4286.
      - Zithey 9184.
    - Justicia 34922.....
      - Oonan's Rajah 8965.
      - Safrano Queen 21077.

Casta's Belle 56148.—Yield of milk, 244 lbs.; yield of butter, 14 lbs. 15 oz.; test made from May 26 to June 2, 1891; age, 5 years and 3 months; estimated weight, 850 lbs.; fed during test, 8 lbs. ground corn and oats, in equal parts, and 4 lbs. oil meal, daily—blue grass pasture; property of A. S. Bell, London, Ohio.

- Casta's Belle 56148....
  - Casta's Champion 11794
    - Champion's Son 3286...
      - Champion of America 1567.
      - Williams' Birdie 4659.
    - Casta Diva 8154.....
      - Pope 738.
      - Belpré Belle 2d 7390.
  - Casta Diva 8154.....
    - Pope 738.....
      - Bronx Bashan 145.
      - Jude 1030.
    - Belpré Belle 2d 7390....
      - Crown Prince 581.
      - Belpré Belle 1488.

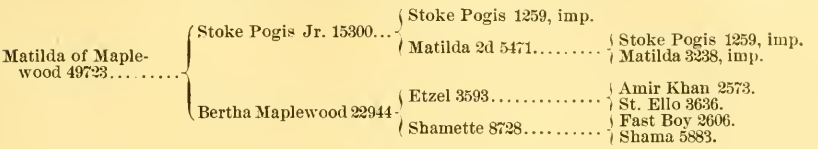
Ida's Rose of St. Lambert 71555.—Yield of milk, 231 lbs. 10 oz.; yield of butter, 14 lbs. 15 oz.; test made from June 24 to July 1, 1893; age, 2 years and 2 months; estimated weight, 750 lbs.; fed during test, 6 lbs. corn meal, 3 lbs. ground oats, 2 lbs. bran, 2 lbs. shorts and 2½ lbs. oil meal daily—dry pasture; property of Mrs. S. E. K. Hudson, Alexandria Bay, N. Y.

- Ida's Rose of St. Lambert 71555.....
  - Ida of St. Lambert's Bull 19169.....
    - Stoke Pogis 5th 5987...
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Lisgar's Rose 2d 56976..
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Lisgar's Rose 26607.....
      - Silver's Bunthorne 11082.
      - Rosette of St. Lambert 5108.

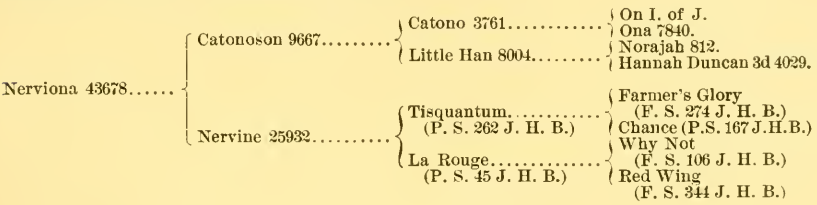
Kitty Clover 2d 16099.—Yield of milk, 231 lbs. 12 oz.; yield of butter, 14 lbs. 15 oz.; test made from July 3 to 10, 1893; age, 13 years and 1 month; estimated weight, 850 lbs.; fed during test, 4 qts. gluten meal and 4 qts. corn meal, ground oats and oil meal, mixed, daily—natural pasture; property of Geo. W. Sisson, Jr., Potsdam, N. Y.

- Kitty Clover 2d 16099.
  - Grand Duke Alexis 1040
    - On I. of J.
    - Victorine Lachaise 2740 imp.
  - Kitty Clover 1113, imp.

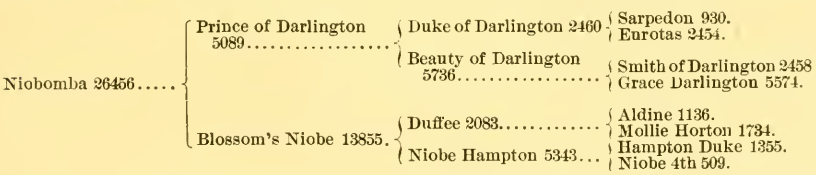
Matilda of Maplewood 49723.—Yield of milk, 208 lbs. 12 oz.; yield of butter, 14 lbs. 15 oz.; test made from May 27 to June 3, 1891; age, 5 years and 2 months; estimated weight, 800 lbs.; fed during test, 70 lbs. corn meal and 24½ lbs. oil meal—old pasture; property of R. A. Sibley, Spencer, Mass.



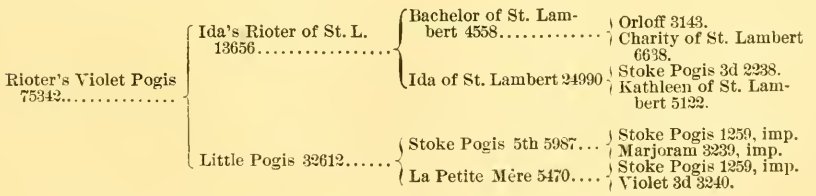
Nerviona 43678.—Yield of milk, 215 lbs. 2 oz.; yield of butter, 14 lbs. 15 oz.; test made from December 19 to 26, 1891; age, 5 years and 7 months; estimated weight, 980 lbs.; fed during test, 42 qts. bran, 28 qts. corn meal, 28 qts. ground oats and 14 qts. oil meal—clover and timothy hay *ad lib.;* property of Henry DuBois, Vigo, Ohio.



Niobomba 26456.—Yield of milk, 196 lbs.; yield of butter, 14 lbs. 15 oz.; test made from November 23 to 30, 1890; age, 7 years; estimated weight, 1,000 lbs.; fed during test, 56 qts. corn bran and 14 qts. cotton-seed meal—Bermuda grass pasture; property of A. J. Hawes & Son, Montgomery, Ala.



Rioter's Violet Pogis 75342.—Yield of milk, 190 lbs. 14 oz.; yield of butter, 14 lbs. 15 oz.; test made from December 18 to 25, 1892; age, 3 years; estimated weight, 700 lbs.; fed during test, 42 lbs. pea meal, 28 lbs. oil meal, 28 lbs. cotton-seed meal, 42 lbs. mixed feed and 145 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.



Lady White 29213.—Yield of milk, 197 lbs. 8 oz.; yield of butter, 14 lbs. 14¾ oz.; test made from December 8 to 15, 1891; age, 7 years and 6 months; estimated weight, 850 lbs.; fed during test, 63 qts. corn meal, 14 qts. fine feed, 17 qts. bran and 42 lbs. hay; property of H. L. S. Hall, Scottsville, N. Y.

- Lady White 29213....
  - Creamer's Sir George 8721.....
    - Sir George 7656..... (P. S. 221 J. H. B.)
      - Guy Fawkes (F. S. 251 J. H. B.)
      - Brown Bess 13092 (F. S. 755 J. H. B.)
    - Creamer (F. S. 2040 J. H. B.)
  - Mollie Dickey 2d 18704..
    - George Handy 4830.....
      - Archie 1183.
      - Die Vernon 1630.
    - Mollie Dickey 10349....
      - Hunter Boy 654.
      - Die Vernon 1630.

Beauty Wynn 45482.—Yield of milk, 204 lbs.; yield of butter, 14 lbs. 14½ oz.; test made from June 6 to 13, 1891; age, 3 years and 10 months; estimated weight, 800 lbs.; fed during test, 5 lbs. bran and 5 lbs. cotton-seed cake meal daily—timothy, clover and blue grass pasture; property of Bordwell & Cochran, Batavia, Ohio.

- Beauty Wynn 45482..
  - Dexter Montague 17294.
    - Lord Montague 12385..
      - Pedro 3187.
      - Cretesia 13657.
    - Jerry Gipsy 16179 .....
      - Charlie Kittredge 1247.
      - Matlie 3d 9879.
  - Mary Wynn 40782.....
    - Champion's Son 3286..
      - Champion of America 1567.
      - Williams' Birdie 4659.
    - Ida Imperial 19667.....
      - Imperial 2d 5254.
      - Ida of Bear Lake 6169.

Candelabrum 75187.—Yield of milk, 193 lbs.; yield of butter, 14 lbs. 14½ oz.; test made from June 5 to 12, 1893; age, 2 years and 7 months; actual weight, 975 lbs.; fed during test, 6 qts. corn meal, 6 qts. ground oats and 2 qts. ground oil-cake daily—good meadow pasture; property of Miller & Sibley, Franklin, Pa.

- Candelabrum 75187...
  - Stoke Pogis 5th 5987....
    - Stoke Pogis 1259, imp.
    - Marjoram 3239, imp.
  - Ida Twinkle 36994.....
    - Ida's Rioter of St. L. 13656.....
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Twinkle 5th 18486.....
      - Bloomfield Squire 5423.
      - Twinkle 864.

Oneida 2d 43553.—Yield of milk, 208 lbs. 11 oz.; yield of butter, 14 lbs. 14½ oz.; test made from July 1 to 8, 1889; age, 2 years and 9 months; estimated weight, 750 lbs.; fed during test, 15 qts. corn, oat and oil meal daily—good pasture; property of Richardson Bros., Davenport, Iowa.

- Oneida 2d 43553.....
  - Combination 3d 17576..
    - Combination 4389.....
      - Polonius 2513.
      - Lady Mel 429.
    - Coma 29330.....
      - Combination 4389.
      - Metella 3905.
  - Oneida 42100.....
    - Combination 4389.....
      - Polonius 2513.
      - Lady Mel 429.
    - Doe 3061.....
      - Blücher 2d 102.
      - Dot 34.

Pomona's Ida of St. L. 59565.—Yield of milk, 190 lbs. 10 oz.; yield of butter, 14 lbs. 14½ oz.; test made from February 3 to 10, 1892; age, 4 years and 1 month; estimated weight, 900 lbs.; fed during test, 49 lbs. corn meal, 21 lbs. bran, 14 lbs. pea meal, 49 lbs. oatmeal, 7 lbs. oil meal, 80 lbs. hay and 140 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.

- Pomona's Ida of St. L. 59565
  - Stoke Pogis 5th 5987
    - Stoke Pogis 1259, imp.
    - Marjoram 3239, imp.
  - Ida of St. Lambert 24990
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Kathleen of St. Lambert 5122
      - Lord Lisgar 1066.
      - Lucy of St. Lambert 5116

Imperial's Omega 2d 19664.—Yield of milk, 207 lbs. 12 oz; yield of butter, 14 lbs. 14 oz.; test made from June 13 to 20, 1891; age, 9 years and 8 months; estimated weight, 900 lbs.; fed during test, 6 lbs. bran and 6 lbs. cotton-seed cake meal daily—short pasture, timothy, clover and blue grass; property of Bordwell & Cochran, Batavia, Ohio.

- Imperial's Omega 2d 19664
  - Imperial 2d 5254
    - Imperial 505
      - Black Imperial 255.
      - Cowslip 1157.
    - Mary of Bear Lake 6171.
      - Prince of Warren 1512.
      - Warren's Duchess 4622.
  - Imperial's Omega 13241.
    - Imperial 505
      - Black Imperial 255.
      - Cowslip 1157.
    - Dot of Bear Lake 6170.
      - Prince of Warren 1512.
      - Monmouth Duchess 2d 4619.

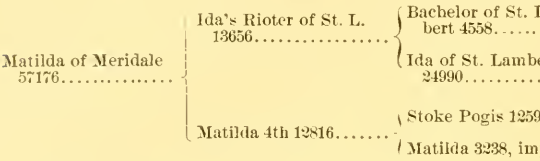
Itura 61090.—Yield of milk, 193 lbs. 14 oz.; yield of butter, 14 lbs. 14 oz.; test made from March 15 to 22, 1891; age, 3 years; estimated weight, 775 lbs.; fed during test, 12 qts. daily of corn, oats and peas, ground, and 1 pk. roots—plenty of hay; property of Richardson Bros., Davenport, Iowa.

- Itura 61090
  - Diploma 16219
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Frankie's Lass 24900
      - Cobden 1871.
      - Frankie 5th 3542.
  - Petura 28775
    - Earl of Franklin 6449
      - Prince of M. 2811.
      - Jessie Leavenworth 8248.
    - Jennie Crump 11718
      - Julius Fox 2772.
      - Flora 2d 4440.

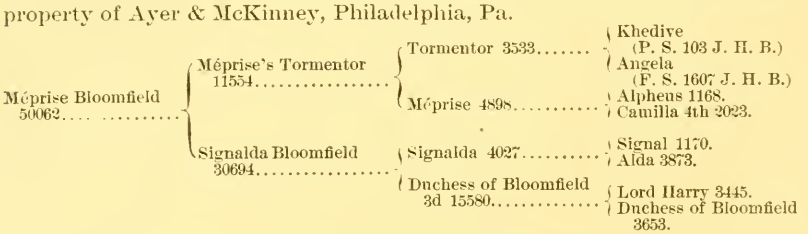
Lanison's Cora 59315.—Yield of milk, 171 lbs. 2 oz.; yield of butter, 14 lbs. 14 oz.; test made from July 2 to 9, 1890; age, 2 years and 2 months; estimated weight, 800 lbs.; fed during test, 8 qts. of a mixture of one part bran, two parts ground corn and three parts ground oats daily, in two feeds, also bran slop daily—old pasture; property of L. L. Tozier, Batavia, N. Y.

- Lanison's Cora 59315.
  - Lanison 15283
    - Lord Dartmouth 6302
      - Miletus 3186.
      - Eurotas 2454.
    - Lanice 13656
      - Black Prince of Hanover 2873.
      - Daisy Darling 6386.
  - Exile's Alphea 45393
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Clotaire's Belle 28841
      - Clotaire 9884.
      - Alphea Rajah 20605.

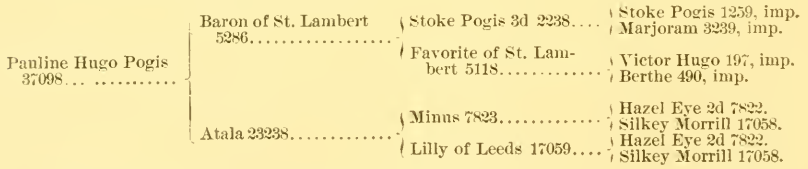
Matilda of Meridale 57176.—Yield of milk, 164 lbs. 13 oz.; yield of butter, 14 lbs. 14 oz.; test made from November 21 to 28, 1892; age, 3 years and 7 months; estimated weight, 800 lbs.; fed during test, 42 lbs. pea meal, 28 lbs. oil meal, 14 lbs. cotton-seed meal, 42 lbs. mixed feed and 140 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.



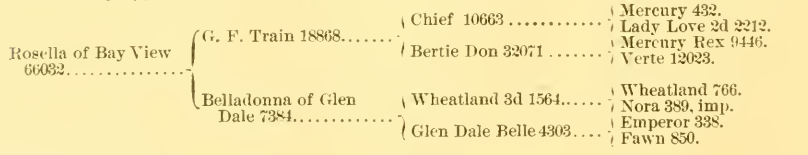
Méprise Bloomfield 50062.—Yield of milk, 137 lbs. 2 oz.; yield of butter, 14 lbs. 14 oz.; test made from November 11 to 18, 1891; age, 4 years; estimated weight, 850 lbs.; fed during test, 34 lbs. bran, 56 lbs. crushed oats and 56 lbs. corn meal, about 90 lbs. hay, 2 bushels roots and 126 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.



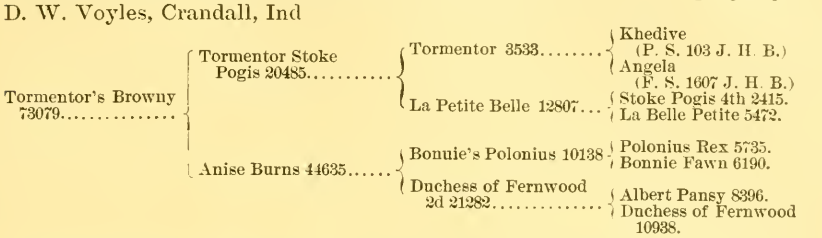
Pauline Hugo Pogis 37098.—Yield of milk, 230 lbs.; yield of butter, 14 lbs. 14 oz.; test made from August 31 to September 7, 1892; age, 6 years and 6 months; estimated weight, 875 lbs.; fed during test, 96 qts. corn meal and wheat middlings, in equal parts—corn fodder daily, clover and timothy pasture; property of William Baylis, Bedford, N. Y.



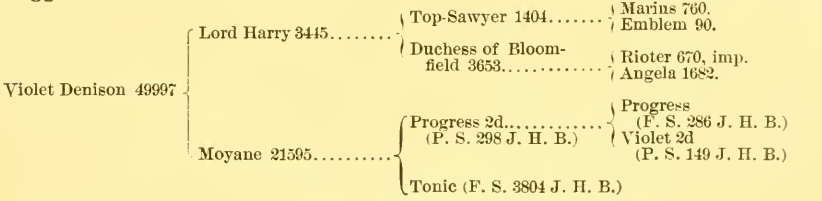
Rosella of Bay View 66032.—Yield of milk, 172 lbs. 14 oz.; yield of butter, 14 lbs. 14 oz.; test made from March 22 to 29, 1893; age, 2 years and 9 months; estimated weight, 500 lbs.; fed during test, 196 lbs. corn refuse, 224 lbs. ensilage, 14 lbs. oil meal, 21 lbs. middlings, 28 lbs. malt sprouts and 35 lbs. hay; property of Charles Lautz, Buffalo, N. Y.



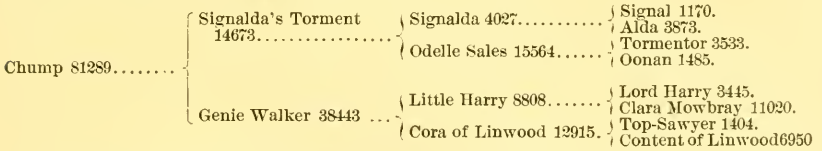
Tormentor's Browny 73079.—Yield of milk, 218 lbs. 4 oz.; yield of butter, 14 lbs. 14 oz.; test made from July 5 to 12, 1892; age, 3 years and 1 month; estimated weight, 650 lbs.; fed during test, 56 lbs. mill feed, 42 lbs. corn-mids and 14 lbs. oil meal—blue grass and clover pasture; property of D. W. Voyles, Crandall, Ind



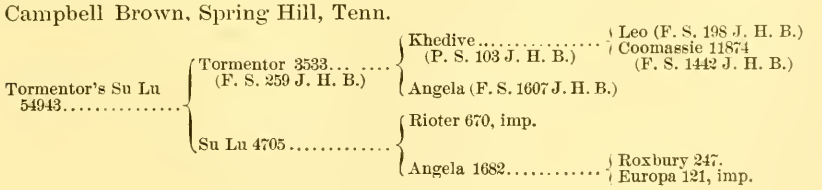
Violet Denison 49997.—Yield of milk, 250 lbs.; yield of butter, 14 lbs. 13½ oz.; test made from May 27 to June 3, 1893; age, 6 years; estimated weight, 800 lbs.; fed during test, 28 qts. meal, 28 qts. middlings, 28 qts. ground oats and 70 lbs. hay—poor pasture; property of H. A. Huntington, Higganum, Conn.



Chump 81289.—Yield of milk, 149 lbs. 4 oz.; yield of butter, 14 lbs. 13 oz.; test made from June 12 to 19, 1893; age, 2 years and 8 months; estimated weight, 550 lbs.; fed during test, 12 qts. equal parts of ground oats and corn, 4 qts. bran and 1 qt. cotton-seed meal daily, fed on cut hay—short pasture; property of William E. Matthews, Huntsville, Ala.



Tormentor's Su Lu 54943.—Yield of milk, 180 lbs. 8 oz.; yield of butter, 14 lbs. 13 oz.; test made from May 12 to 19, 1891; age, 3 years and 1 month; estimated weight, 750 lbs.; fed during test, 10 lbs. corn-hearts and 2 lbs. wheat bran, mixed, in two feeds, daily—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.



Harry's Fancy Belle 2d 82416.—Yield of milk, 157 lbs.; yield of butter, 14 lbs. 12½ oz.; test made from November 15 to 22, 1893; age, 4 years and 7 months; estimated weight, 750 lbs.; fed during test, 56 qts. ground oats and 56 qts. corn meal—clover and millet, woodland pasture; property of Morgan & Brown, Columbia, Tenn.

- Harry's Fancy Belle 2d 82416
  - Landseer's Pogis 15847.
    - Pogis Chief 3998
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Landseer's Fancy 2876.
      - Landseer 331.
      - Young Fancy 97.
  - Harry's Fancy Belle 44764
    - Fancy's Harry 9777
      - Lord Harry 3445.
      - Landseer's Fancy 2876.
    - Belle Lyman 28522
      - General Lyman 6631.
      - Belle of Wolcott 8938.

Tomassee 76875.—Yield of milk, 213 lbs. 8 oz.; yield of butter, 14 lbs. 12½ oz.; test made from June 9 to 16, 1893; age, 2 years and 1 month; estimated weight, 700 lbs.; fed during test, 12 lbs. corn-hearts and 4 lbs. cut sheaf oats—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Tomassee 76875
  - Tormentor 5th 21962
    - Tormentor 3533
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Duchess of Bloomfield 3653
      - Rioter 670, imp.
      - Angela 1682
  - Cara Mia 64224
    - Sitanda 20221
      - Signalda 4027.
      - Mary Jane of Belle Vue 6956.
    - Carida 37322
      - Ida's Stoke Pogis 13658.
      - Carrie Lena 3d 20077.

Early Morn 50661.—Yield of milk, 236 lbs.; yield of butter, 14 lbs. 12 oz.; test made from May 15 to 22, 1893; age, 6 years; estimated weight, 900 lbs.; fed during test, 95 lbs. corn meal, 58 lbs. bran, 18 lbs. oil meal and 4 lbs. shorts—blue grass pasture: property of Purdue University, La Fayette, Ind.

- Early Morn 50661
  - Ruby's Harry 15664
    - Fancy's Harry 9777
      - Lord Harry 3445.
      - Landseer's Fancy 2876.
    - Ruby Torment 32989
      - Tormentor 3533.
      - Babette 3650.
  - Pinkey Spry 18316
    - Tormentor 3533 (F. S. 259 J. H. B.)
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Varinka 3838
      - Mandarin 1041.
      - Bathsheba 2556.

Lady Thalma 54701.—Yield of milk, 243 lbs. 8 oz.; yield of butter, 14 lbs. 12 oz.; test made from June 11 to 18, 1893; age, 6 years and 6 months; estimated weight, 750 lbs.; fed during test, 10½ lbs. oil meal, 35 lbs. corn meal, 28 lbs. ground oats and 49 lbs. wheat bran—blue grass pasture; property of Samuel McKeen, Terre Haute, Ind.

- Lady Thalma 54701
  - Jersey Boy Thalma 12511
    - Thalma 4288
      - Oxoli 1922.
      - Nipheta 9180.
    - Oaklands Cora 18853
      - Jersey Boy (P. S. 92 J. H. B.)
      - Lively (F. S. 1401 J. H. B.)
  - Lady Gray of Hilltop 6th 49485
    - Champion of Hilltop 1839
      - Champion of America 1567.
      - Kate Nickleby 3100.
    - Lady Gray of Hilltop 6850
      - Wethersfield 966.
      - Bess Lena 3349.

Mette D. 47433.—Yield of milk, 190 lbs. 1 oz.; yield of butter, 14 lbs. 12 oz.; test made from April 10 to 17, 1891; age, 4 years and 10 months; estimated weight, 950 lbs.; fed during test, 6 qts. corn meal, 6 qts. wheat bran, 4 qts. ground oats, 3 qts. linseed meal, mixed, on cut clover hay, daily—good pasture; property of Matthews & Humes, Huntsville, Ala.

- Mette D. 47433
  - Little Harry 8808
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Clara Mowbray 11020
      - Tormentor 3533 (F. S. 259 J. H. B.)
      - Callie Nan 7959.
  - Cora of Linwood 12915.
    - Top-Sawyer 1404
      - Marius 760.
      - Emblem 90.
    - Content of Linwood 6950, imp.

Sadie's Delight 53392.—Yield of milk, 299 lbs. 4 oz.; yield of butter, 14 lbs. 12 oz.; test made from April 3 to 10, 1893; age, 5 years and 5 months; estimated weight, 925 lbs.; fed during test, 42 lbs. wheat bran, 42 lbs. corn meal, about 56 lbs. hay, 105 lbs. roots and 250 lbs. ensilage; property of Vermont Experiment Station, Burlington, Vt.

- Sadie's Delight 53392
  - Nutley Duke 10706
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Nutley Theodora 13583.
      - Blue Gown (F. S. 283 J. H. B.)
      - Firefly (F. S. 415 J. H. B.)
  - Philena's Pet 31296
    - Alexandre's Farmer's Glory 7323
      - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Silver Cloud 13461 (F. S. 2113 J. H. B.)
    - Mab of Deerfoot 4th 15351
      - Pedro of Deerfoot 7014.
      - Mab of Deerfoot 3589.

Blanche Duncan 2d 73333.—Yield of milk, 221 lbs. 9½ oz.; yield of butter, 14 lbs. 11¾ oz.; test made from October 20 to 27, 1893; age, 2 years and 9 months; actual weight, 865 lbs.; fed during test, 45 lbs. corn meal, 43 lbs. wheat middlings, 12 lbs. new process oil meal and 10 lbs. cotton-seed meal—good blue grass pasture; property of J. P. Bradbury, Pomeroy, Ohio.

- Blanche Duncan 2d 73333
  - Tormentor Stoke Pogis 20485
    - Tormentor 3533 (F. S. 259 J. H. B.)
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - La Petite Belle 12807
      - Stoke Pogis 4th 2415.
      - La Belle Petite 5472.
  - Blanche Duncan 73077
    - Marboy 2644
      - Marius 760.
      - Bounty 1606.
    - Blanche Montrose 29011
      - Chief W. A. 11860.
      - Pansy E. 23407.

Ashantee's Rosy 59258.—Yield of milk, 160 lbs.; yield of butter, 14 lbs. 11 oz.; test made from May 28 to June 4, 1893; age, 4 years and 8 months; estimated weight, 700 lbs.; fed during test, 65 lbs. bran, 30 lbs. oil meal and 60 lbs. corn meal; property of Cornelius Easthope, Niles, Ohio.

- Ashantee's Rosy 59258
  - King of Ashantee 6677
    - Fairfield 4733
      - Commander in Chief 3035.
      - Cosette 3874.
    - Coomassie 11874 (F. S. 1442 J. H. B.)
      - Neptune (P. S. 14 J. H. B.)
      - Jersey Pride (F. S. 1716 J. H. B.)
  - Belle Rosy 27291
    - Careful Lad (F. S. 331 J. H. B.)
    - Belle (F. S. 1606 J. H. B.)

Chief's Fosie 61998.—Yield of milk, 216 lbs. 6 oz.; yield of butter, 14 lbs. 11 oz.; test made from April 9 to 16, 1893; age, 5 years and 1 month; estimated weight, 700 lbs.; fed during test, 224 lbs. ensilage, 14 lbs. oil meal, 28 lbs. middlings, 21 lbs. malt sprouts and 28 lbs. hay; property of Charles Lautz, Buffalo, N. Y.

- Chief's Fosie 61998
  - Chief 10663
    - Mercury 432
      - Jupiter 93.
      - Alphea 171.
    - Lady Love 2d 2212
      - Albert 44.
      - Lady Love 1315.
  - Fosie 20255
    - Invincible 5510
      - Thorndale 2582.
      - Phædra 2561.
    - Lottie B. 10039
      - Lord Shaftesbury 2499.
      - Belladonna of Glen Dale 7384.

Chrissy 3d 15615.—Yield of milk, 212 lbs.; yield of butter, 14 lbs. 11 oz.; test made from December 26, 1892, to January 2, 1893; age, 11 years and 11 months; estimated weight, 900 lbs.; fed during test, 5 qts. each of ground oats, wheat middlings and corn meal, with 20 lbs. ensilage, daily—hay *ad lib.*; property of George W. Sisson, Jr., Potsdam, N. Y.

- Chrissy 3d 15615
  - Grand Duke Alexis 1040
    - On I. of J.
    - Victorine Lachaise 2740, imp.
  - Chrissy 1448
    - On I. of J.
    - Kitty Clover 1113, imp.

Daisy Morrison 4th 46830.—Yield of milk, 216 lbs.; yield of butter, 14 lbs. 11 oz.; test made from October 30 to November 6, 1893; age, 6 years and 1 month; estimated weight, 800 lbs.; fed during test, 42 qts. Buffalo gluten, 28 qts. Canada shorts and 28 qts. new process linseed meal—hay, poor pasture; proper of C. H. Ellsworth, Worcester, Mass.

- Daisy Morrison 4th 46830
  - L. D.'s Victor St. Helier 15286
    - Lord Darlington 7285
      - Duke of Darlington 2460
      - Marjoram 3239, imp.
    - Pavon 12485
      - St. Helier 45, imp.
      - Moss Rose of Willow Farm 5194.
  - Daisy Morrison 14035
    - John Morrison 4551
      - Gilroy 1653.
      - Fawnette of Woodstock 3710.
    - Melia Ann 5444
      - Lord Aylmer 1067.
      - Amelia 2d 1730.

Idlewild Pogis 80271.—Yield of milk, 218 lbs. 10 oz.; yield of butter, 14 lbs. 11 oz.; test made from September 11 to 18, 1892; age, 2 years and 1 month; estimated weight, 600 lbs.; no account kept of feed; property of Matthews & Humes, Huntsville, Ala.

- Idlewild Pogis 80271.
  - Kathy's Stoke Pogis 17566
    - Ida's Stoke Pogis 13658
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Kathy Torment 32910
      - Tormentor 3533.
      - Kathletta 19567.
  - Annabel Lee 55833
    - Signalda's Torment 14673
      - Signalda 4027.
      - Odelle Sales 15564.
    - Mette D. 47433
      - Little Harry 8808.
      - Cora of Linwood 12915.

Leurona 43271.—Yield of milk, 262 lbs. 8 oz.; yield of butter, 14 lbs. 11 oz.; test made from October 28 to November 4, 1891; age, 5 years and 6 months; actual weight, 890 lbs.; fed during test, 101 lbs. grain and 150 to 200 lbs. pumpkins—poor pasture; property of James T. Inglis, Middlefield, Conn.

- Leurona 43271
  - Catono 3761
    - On I. of J.
    - Ona 7840
      - Khedive (P.S.103 J.H.B.)
      - Ecornée (F.S.846 J.H.B.)
  - Valeur's Winnie 20007
    - Island Valeur 5514
      - Catono 3761.
      - Island Lily 6969.
    - Winnie Bronx 11937
      - Lord Bronx 2d 1730.
      - Meg Mitchell 4187.

Marcia G. 53211.—Yield of milk, 228 lbs. 13 oz.; yield of butter, 14 lbs. 11 oz.; test made from June 10 to 17, 1892; age, 5 years and 3 months; estimated weight, 700 lbs.; fed during test, 56 lbs. mill feed, 48 lbs. corn meal and 14 lbs. oil-cake meal—blue grass and clover pasture; property of D. W. Voyles, Crandall, Ind.

- Marcia G. 53211
  - Osiris of Fernwood 16078
    - Osiris 12189
      - Cetewayo (P. S. 315 J. H. B.)
      - Briarde (F. S. 1253 J. H. B.)
    - Magnet's Lass 26098
      - Neptune 5368 (P. S. 230 J. H. B.)
      - On I. of J.
  - Bounty Duchess 37955
    - Marboy 2644
      - Marius 760.
      - Bounty 1606.
    - Orphan Duchess 2d 21821
      - Duke of Byrneville 4230.
      - Orphan Duchess 4519.

Miss Madrid 49419.—Yield of milk, 204 lbs. 13 oz.; yield of butter, 14 lbs. 11 oz.; test made from June 1 to 8, 1889; age, 3 years and 2 months; estimated weight, 795 lbs.; fed during test, 12 qts. corn and oat meal daily, in three feeds—hay at night, orchard pasture; property of Richardson Bros., Davenport, Iowa.

- Miss Madrid 49419
  - Combination 2d 16957
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Goodbye 27366
      - Auroraborëllis 2408.
      - Frankie's Lass 24900.
  - Period 42640
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Coma 29330
      - Combination 4389.
      - Metella 3905.

Pogis' Ida May 50063.—Yield of milk, 192 lbs.; yield of butter, 14 lbs. 11 oz.; test made from February 13 to 20, 1892; age, 4 years and 10 months; estimated weight, 850 lbs.; fed during test, 51 lbs. corn meal, 52 lbs. oatmeal, 40 lbs. bran, 9 lbs. oil meal, 6 lbs. pea meal, 80 lbs. hay and 140 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.

- Pogis' Ida May 50063
  - Ida's Stoke Pogis 13658
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - May Bud of St. Lambert 5105
    - Lord Monck 304
      - Victor Hugo 197, imp.
      - Pride of Windsor 483, imp.
    - Ierne 1373
      - Victor Hugo 197, imp.
      - Beauty 1319, imp.

Signet's Fancy 58446.—Yield of milk, 176 lbs. 8 oz.; yield of butter, 14 lbs. 11 oz.; test made from November 12 to 19, 1892; age, 4 years; estimated weight, 700 lbs.; fed during test, 51 qts. corn meal, 33 qts. bran, 13 qts. cotton-seed meal and 112 lbs. hay; property of H. A. Huntington, Higganum, Conn.

- Signet's Fancy 58446
  - Fancy's Harry 9777
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Landseer's Fancy 2876
      - Landseer 331.
      - Young Fancy 97.
  - Signet of Linwood 40423
    - Tormentor Jr. 15005
      - Tormentor 3533.
      - Cherokee Rose 20921.
    - Signaline of Linwood 29026
      - Gold Basis 4038.
      - Œnone 8614.

Ophi of St. Lambert 49004.—Yield of milk, 254 lbs. 8 oz.; yield of butter, 14 lbs. 10½ oz.; test made from July 23 to 30, 1893; age, 6 years and 2 months; estimated weight, 900 lbs.; fed during test, 9 qts. corn meal, 9 qts. ground oats, 3 qts. bran, 1½ qts. oil meal and 21 lbs. cut hay and green fodder daily; property of Pierce J. Cogswell, Rochester, N. Y.

- Ophi of St. Lambert 49004
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Augerez Violet 28377 (F. S. 6005 J. H. B.)
    - Napier 2d (P. S. 244 J. H. B.)
    - On I. of J.

Exile's Aggie 52764.—Yield of milk, 141 lbs. 8 oz.; yield of butter, 14 lbs. 10¼ oz.; test made from March 8 to 15, 1891; age, 3 years; estimated weight, 650 lbs.; fed during test, 5 lbs. corn meal, 5 lbs. middlings, 5 lbs. bran, 2 lbs. oil meal and 1 lb. cotton-seed meal daily—30 lbs. roots during test; property of P. J. Cogswell, Rochester, N. Y.

- Exile's Aggie 52764
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Aggie of St. Lambert 37085
    - Rubano 8806
      - Sir George of St. Lambert 6036.
      - Nina of St. Lambert 12963.
    - Polly of St. Lambert 28665
      - Hugo of St. Lambert 13458.
      - Rosanne 1320.

Exile's Dell 67533.—Yield of milk, 191 lbs. 8 oz.; yield of butter, 14 lbs. 10¼ oz.; test made from April 10 to 17, 1891; age, 4 years and 2 months; estimated weight, 875 lbs.; fed during test, 8 lbs. corn meal, 5 lbs. bran, 3 lbs. oil meal, 3 lbs. cotton-seed meal, 8 lbs. hay and 15 lbs. ensilage daily; property of Pierce J. Cogswell, Rochester, N. Y.

- Exile's Dell 67533
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Puss Lurlene 21461
    - Prince of Genesee 4222
      - Pontiff 2120.
      - Dainty Delia 3d 4174.
    - Duchess Lurlene 9048
      - Pontiff 2120.
      - Betsy Trotwood 9047.

Charity of Argyle 35036.—Yield of milk, 189 lbs. 10 oz.; yield of butter, 14 lbs. 10 oz.; test made from April 10 to 17, 1893; age, 7 years and 9 months; estimated weight, 850 lbs.; fed during test, 2 lbs. cotton-seed meal, 3 lbs. Chicago cream gluten, 3 lbs. spring wheat bran, 3 lbs. corn meal, mixed with 35 lbs. corn ensilage, in two feeds, daily, also 10 lbs. clover hay; property of E. S. Henry, Rockville, Conn.

- Charity of Argyle 35036
  - Duke Thorne 7020
    - Dido's Duke 4678
      - Duke of Darlington 2460
      - Dido 1234.
    - Lodeska 10462
      - Niobe Duke 2364.
      - Lucy K. 5262.
  - Duchess of Argyle 4th 7571
    - Duke of Argyle 1517
      - Nestor 773.
      - Marilla 2899.
    - Duchess of Argyle 3758.
      - Jack Dasher 932.
      - Berlin Daisy 3759.

Martha Hall 2d 57901.—Yield of milk, 216 lbs.; yield of butter, 14 lbs. 10 oz.; test made from June 13 to 20, 1891; age, 3 years and 3 months; estimated weight, 750 lbs.; fed during test, 5 lbs. bran and 5 lbs. cotton-seed meal daily—short pasture, timothy, clover and blue grass; property of Bordwell & Cochran, Batavia, Ohio.

- Martha Hall 2d 57901
  - Champion's Loyal 12673
    - Champion's Son 3286
      - Champion of America 1567.
      - Williams' Birdie 4659.
    - Mary of Bear Lake 6171.
      - Prince of Warren 1512.
      - Warren's Duchess 4622.
  - Martha Hall 40786
    - Champion's Loyal 12673
      - Champion's Son 3286.
      - Mary of Bear Lake 6171.
    - Duchess of Dudley 3d 12176
      - Imperial 505.
      - Duchess of Dudley 8670.

Pomona's Coquette 52832.—Yield of milk, 182 lbs. 2 oz.; yield of butter, 14 lbs. 10 oz.; test made from September 4 to 11, 1891; age, 3 years and 1 month; estimated weight, 800 lbs.; fed during test, 8 lbs. corn meal, 8 lbs. crushed oats and 6 lbs. bran daily—millet, green oats and peas, also pasture; property of Ayer & McKinney, Philadelphia, Pa.

- Pomona's Coquette 52832
  - Canada's John Bull 3d 17750
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Crocus of St. Lambert 8351
      - Stoke Pogis 3d 2238.
      - Lolly of St. Lambert 5480.
  - St. Lambert's Coquette 41070
    - Diana's Rioter 10481
      - Sir George of St. Lambert 6036.
      - Diana of St. Lambert 6036.
    - Coquette of Glen Rouge 17559
      - Jack Frost of St. Lambert 2419.
      - Sweet Brier of St. Lambert 5481.

Signola M. 76122.—Yield of milk, 200 lbs. 3 oz.; yield of butter, 14 lbs. 10 oz.; test made from May 5 to 12, 1892; age, 2 years and 8 months; estimated weight, 700 lbs.; fed during test, 2 gals. corn meal, 3 gals. wheat bran and 2 qts. linseed meal daily, on cut hay—good pasture; property of Matthews & Moore, Huntsville, Ala.

- Signola M. 76122
  - Signalda's Torment 14673
    - Signalda 4027
      - Signal 1170.
      - Alda 3873.
    - Odelle Sales 15564
      - Tormentor 3533.
      - Oonan 1485.
  - Blizz 55835
    - Little Harry 8808
      - Lord Harry 3445.
      - Clara Mowbray 11020.
    - North Wind 29157
      - Sir Robert (P. S. 366 J. H. B.)
      - Nelly White (F. S. 2852 J. H. B.)

Gilded Queen 42029.—Yield of milk, 178 lbs. 8 oz.; yield of butter, 14 lbs. 9½ oz.: test made from May 26 to June 2, 1893; age, 7 years and 10 months; estimated weight, 900 lbs.; fed during test, 14 lbs. corn-hearts, 4 lbs. cotton-seed meal, 2 lbs. cut sheaf oats daily, in two feeds—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Gilded Queen 42029...
  - Gilderoy 2107.....
    - Magnetic 1428.....
      - Islander 561.
      - Azalea 1443.
    - Jeanne Le Bas 2476.....
      - Noble (F. S. 71 J. H. B.)
      - Dairy Pride (F. S. 348 J. H. B.)
  - Regina 4th 12732.....
    - Pasha (P. S. 64 J. H. B.)
      - Rattler (P. S. 20 J. H. B.)
      - Sultane (P. S. 7 J. H. B.)
    - Regina (F. S. 32 J. H. B.)

Oonan of Riverside 69773.—Yield of milk, 218 lbs.; yield of butter, 14 lbs. 9½ oz.; test made from May 16 to 23, 1893; age, 2 years and 9 months; estimated weight, 700 lbs.; fed during test, 29 qts. middlings, 26 qts. ground oats, 23 qts. meal and 70 lbs. cut hay; property of H. A. Huntington, Higganum, Conn.

- Oonan of Riverside 69773.....
  - Oonan's Tormentor 22280.....
    - Tormentor 3533..... (F. S. 259 J. H. B.)
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Oonan 1485.....
      - Rajah 340, imp.
      - Owoo 1247, imp.
  - Hyacinth Pogis 56020..
    - Ida's Stoke Pogis 13658.
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Kitty Better 32911.....
      - Lord Harry 3445.
      - Kate Gordon 8387.

Lady Pedrona 63173.—Yield of milk, 206 lbs. 5 oz.; yield of butter, 14 lbs. 9 oz.; test made from December 31, 1892, to January 7, 1893; age, 2 years and 11 months; estimated weight, 850 lbs.; fed during test, 14 qts. daily of a mixture of equal parts of corn meal, ground oats, wheat bran and middlings, also 1 pt. oil meal and 15 lbs. ensilage—hay *ad lib.*; property of Walter W. Law, Whitson, N. Y.

- Lady Pedrona 63173..
  - Maximum Rioter 18539.
    - Stoke Pogis Jr. 15300...
      - Stoke Pogis 1259, imp.
      - Matilda 2d 5471.
    - La Petite Mère 3d 12814
      - Midas of Oxford 5986.
      - La Petite Mère 5470.
  - Young Pedrona 46096..
    - Young Pedro 9033.....
      - Pedro 3187.
      - Rioter Alphea 10091.
    - Milcah D. 30068.....
      - Cobweb Duke of Darlington 7926.
      - Mirah D. 12905.

Lilley Rex Pogis 62545.—Yield of milk, 183 lbs. 12 oz.; yield of butter, 14 lbs. 9 oz.; test made from June 5 to 12, 1892; age, 2 years and 9 months; estimated weight, 800 lbs.; fed during test, 56 lbs. cut corn fodder, 7 lbs. corn meal, 14 lbs. gluten meal, 14 lbs. bran, 7 lbs. linseed meal, 56 lbs. hay and 210 lbs. roots; property of Est. of Frederick Billings, Woodstock, Vt.

- Lilley Rex Pogis 62545.....
  - Garfield Stoke Pogis 15963.....
    - Exile of St. Lambert 13657.....
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Mollie Garfield 12172...
      - Bel Caliph 1432.
      - Maple Dale 2907.
  - Lilley Rex Rioter 48464.
    - King Rioter 6075.....
      - Stoke Pogis 5th 5987.
      - La Petite Belle 12807.
    - Lilley Rex 9852.....
      - Prince of M. 2811.
      - Lilley Russ 2d 9514.

Nora Pogis 75345.—Yield of milk, 199 lbs. 6 oz.; yield of butter, 14 lbs. 9 oz.; test made from November 15 to 22, 1892; age, 2 years and 5 months; estimated weight, 900 lbs.; fed during test, 42 lbs. pea meal, 28 lbs. oil meal, 28 lbs. cotton-seed meal, 42 lbs. mixed feed and 140 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.

- Nora Pogis 75345....
  - Ida of St. Lambert's Bull 19169.....
    - Stoke Pogis 5th 5987...
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Oaklands Nora 14880...
    - Lorne 5248.....
      - Lord Lisgar 1066.
      - Favorite of St. Lambert 5118.
    - Pet of St. Lambert 5123
      - Lord Lisgar 1066.
      - Lucy of St. Lambert 5116.

Xarifina 34176.—Yield of milk, 206 lbs. 8 oz.; yield of butter, 14 lbs. 9 oz.; test made from May 24 to 31, 1893; age, 8 years; estimated weight, 750 lbs.; fed during test, 12 qts. daily of a mixture of corn meal, middlings and coarse linseed meal in equal parts—pasture; property of C. H. Ellsworth, Worcester, Mass.

- Xarifina 34176.....
  - Trailer 7160.....
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Nellie Darlington 5956..
      - Smith of Darlington 2458.
      - Grace Darlington 5574.
  - Kosi 5th 10870..... .....
    - Bristol Chief 1496.....
      - Wethersfield 966.
      - Judy 691.
    - Kosi 3431, imp.

Exile's Lizzie 61477.—Yield of milk, 168 lbs. 8 oz.; yield of butter, 14 lbs. 8½ oz.; test made from May 17 to 24, 1891; age, 2 years and 7 months; estimated weight, 750 lbs.; fed during test, 7 lbs. corn meal, 8 lbs. bran, 3 lbs. oil meal, 2 lbs. cotton-seed meal and about 16 lbs. beets daily—hay; property of Pierce J. Cogswell, Rochester, N. Y.

- Exile's Lizzie 61477..
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Lizzie Reeves 9222.....
    - Captain Wiley 4030.....
      - Rolla 570.
      - Gem of Springwood 1965.
    - Virginia Girl 8322.....
      - Rolla 570.
      - Mermaid 479.

Harry's Signaline 82419.—Yield of milk, 163 lbs. 4 oz.; yield of butter, 14 lbs. 8½ oz.; test made from December 7 to 14, 1893; age, 4 years and 6 months; estimated weight, 775 lbs.; fed during test, 56 qts. ground oats and 56 qts. corn meal—clover and millet, woodland pasture; property of Morgan & Brown, Columbia, Tenn.

- Harry's Signaline 82419.....
  - Fancy's Harry 9777.....
    - Lord Harry 3445.....
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Landseer's Fancy 2876..
      - Landseer 331.
      - Young Fancy 97.
  - Landseer's Signaline 58101.....
    - Landseer's Pogis 15847.
      - Pogis Chief 3998.
      - Landseer's Fancy 2876.
    - Bessie Signalda 38178...
      - Signally Signal 8875.
      - Bessie Russ 2d 14649.

June Sweets 59978.—Yield of milk, 188 lbs. 8 oz.; yield of butter, 14 lbs. 8½ oz.; test made from May 6 to 13, 1892; age, 2 years and 11 months; estimated weight, 700 lbs.; fed during test, 4½ lbs. meal, 3 lbs. cotton-seed meal, 6 lbs. wheat feed and 10 lbs. cut hay daily; property of H. A. Huntington, Higganum, Conn.

- June Sweets 59978...
  - Gold Basis 5th 15725....
    - Gold Basis 4038.....
      - Gilderoy 2107.
      - Regina 2d 2475.
    - Bonnie Yost 7943.....
      - Rector 1458.
      - Bo-Peep 2850.
  - Sweets 7891.....
    - Cash Boy 2248.....
      - Rex 1330.
      - Dido of Middlefield 3416.
    - Andrews' Sylvia 4107...
      - Living Storm 173.
      - Kitty 2534.

Butterstamp Pedro 56383.—Yield of milk, 232 lbs. 6 oz.; yield of butter, 14 lbs. 8 oz.; test made from May 31 to June 7, 1892; age, 3 years and 3 months; estimated weight, 950 lbs.; fed during test, 8 qts. daily of a mixture of equal parts corn meal, ground oats and wheat bran—good pasture; property of Walter W. Law, Whitson, N. Y.

- Butterstamp Pedro 56383... .....
  - Young Pedro 2d 15011..
    - Young Pedro 9033.....
      - Pedro 3187.
      - Rioter Alphea 10091.
    - Amité 18877.....
      - Ramapo 4679.
      - Laitière 8121.
  - Rioter Butterstamp 46088 .....
    - Louis of St. Lambert 11013.....
      - Sheldon 5250.
      - Mavourneen of St. Lambert 9777.
    - Butterstamp Lass 19517
      - Ramapo 4679.
      - Schonemunk Lass 9126.

Dinah Alexis 69345.—Yield of milk, 237 lbs. 4 oz.; yield of butter, 14 lbs. 8 oz.; test made from June 12 to 19, 1893; age, 4 years and 2 months; actual weight, 983 lbs.; fed during test, 55 lbs. corn meal, 21 lbs. ground oats, 21 lbs. wheat middlings and 14 lbs. new process oil meal—good blue grass pasture; property of J. P. Bradbury, Pomeroy, Ohio.

- Dinah Alexis 69345..
  - Diana's Rioter 10481....
    - Sir George of St. Lambert 6036.....
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 485, imp.
    - Diana of St. Lambert 6636.....
      - Stoke Pogis 3d 2238.
      - Pet of St. Lambert 5123.
  - Queen Alexis 33363.....
    - Allolah 10676.....
      - Signal Jr. 7166.
      - Katydidn't 2d 20191.
    - Katydidn't 2d 20191....
      - Grand Duke Alexis 1040.
      - Katydidn't 2734.

Duchess of Argyle 7th 47569.—Yield of milk, 229 lbs. 4 oz.; yield of butter, 14 lbs. 8 oz.; test made from February 7 to 14, 1893; age, 5 years and 4 months; estimated weight, 1,000 lbs.; fed during test, 2 lbs. cotton-seed meal, 2 lbs. Chicago gluten meal, 3 lbs. Pillsbury wheat bran, 3 lbs. corn and cob meal, about 35 lbs. corn ensilage and 10 lbs. cut clover hay daily, in two feeds; property of E. S. Henry, Rockville, Conn.

- Duchess of Argyle 7th 47569.....
  - Baron Hugo 15208.....
    - Baron of St. Lambert 5286.....
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Stolen Kisses 16864, imp. (F. S. 3247 J. H. B.)
  - Duchess of Argyle 3758.
    - Jack Dasher 932.....
      - Tom Dasher 420.
      - Judy 691.
    - Berlin Daisy 3759.....
      - Com. Nutt 36.
      - Snowflakes 1004.

Ernestina 2d 77682.—Yield of milk, 222 lbs. 9 oz.; yield of butter, 14 lbs. 8 oz.; test made from September 9 to 16, 1891; age, 2 years and 7 months; estimated weight, 650 lbs.; fed during test, 35 qts. corn meal and 35 qts. wheat bran on green corn chop—short clover and orchard grass pasture; property of Matthews & Humes, Huntsville, Ala.

- Ernestina 2d 77682...
  - Kathy's Stoke Pogis 17566.....
    - Ida's Stoke Pogis 13658.
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Kathy Torment 32910...
      - Tormentor 3533.
      - Kathletta 19567.
  - Ernestina 38444.....
    - Nancy's Rioter 8390....
      - Sir George of St. Lambert 6036.
      - Nancy of St. Lambert 12964.
    - Gentina 21729.....
      - Baccarat of Belle Vue 5634.
      - Mary Finnegan 21728.

Harry's Fancy Belle 44764.—Yield of milk, 197 lbs.; yield of butter, 14 lbs. 8 oz.; test made from May 18 to 25, 1893; age, 6 years and 2 months; estimated weight, 800 lbs.; fed during test, 56 qts. ground oats, 56 qts. corn meal and 28 qts. wheat bran and a little clover hay—pasture of mixed white clover and blue grass; property of Morgan & Brown, Columbia, Tenn.

- Harry's Fancy Belle 44764.....
  - Fancy's Harry 9777.....
    - Lord Harry 3445.....
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Landseer's Fancy 2876..
      - Landseer 331.
      - Young Fancy 97.
  - Belle Lyman 28522.....
    - General Lyman 6631....
      - Joseph 3419, imp.
      - Island Beauty 9113.
    - Belle of Wolcott 8938...
      - Maumee Chief 2673.
      - Chamois 1226.

Jessie Wilson 76121.—Yield of milk, 197 lbs. 7 oz.; yield of butter, 14 lbs. 8 oz.; test made from December 4 to 11, 1893; age, 5 years and 3 months; estimated weight, 800 lbs.; fed during test, 84 qts. corn and oats, 28 qts. wheat bran, 14 qts. linseed meal and 14 qts. cotton-seed meal—clover hay *ad lib.;* property of William E. Matthews, Huntsville. Ala.

- Jessie Wilson 76121..
  - Signalda's Torment 14673.....
    - Signalda 4027.....
      - Signal 1170.
      - Alda 3873.
    - Odelle Sales 15564.....
      - Tormentor 3533.
      - Oonan 1485.
  - Frushia Wilson 47432..
    - Little Harry 8808.....
      - Lord Harry 3445.
      - Clara Mowbray 11020.
    - Guenn 25284.....
      - Toltec 6831.
      - Cora of Linwood 12915.

Miaclara 48690.—Yield of milk, 254 lbs.; yield of butter, 14 lbs. 8 oz.; test made from January 18 to 25, 1893; age, 5 years and 9 months; estimated weight, 900 lbs.; fed during test, 8 qts. wheat middlings, 6 qts. ground oats, 3 qts. corn meal, 2 qts. oil meal and 30 lbs. ensilage daily—hay *ad lib.;* property of George W. Sisson, Jr., Potsdam, N. Y.

- Miaclara 48690.....
  - Chief of the Miamis 2958.....
    - Signal 1170...:.....
      - Marius 760.
      - Pansy Morris 2060.
    - Annie Lachaise 3961....
      - Columbus 83.
      - Victorine Lachaise 2740, imp.
  - Clara Barder 14311 .....
    - Lerdo 3995 .....
      - Duke of Grayholdt 1035, imp.
      - Duenna 2716.
    - Jersey Beauty 2595, imp.

Printonette 26121.—Yield of milk, 181 lbs.; yield of butter, 14 lbs. 8 oz.; test made from February 9 to 16, 1886; age, 2 years; estimated weight, 675 lbs.; fed during test, 14 lbs. corn meal, 5 lbs. oatmeal and 6 lbs. oil meal daily—no pasture; property of John A. Middelton, Shelbyville, Ky.

- Printonette 26121...
  - Augerez' King (F. S. 389 J. H. B.)
  - Printonnière 26086 (F. S. 4738 J. H. B.)

Sigleonella 70091.—Yield of milk, 176 lbs.; yield of butter, 14 lbs. 8 oz.; test made from December 9 to 16, 1893; age, 2 years and 10 months; estimated weight, 775 lbs.; fed during test, 35 lbs. wheat bran, 35 lbs. ground oats, 56 lbs. corn meal and 21 lbs. linseed meal—hay; property of William Hart Dexter, Springfield, Mass.

- Sigleonella 70091.....
  - Leonidas 3010.....
    - Signal 1170.....
      - Marius 760.
      - Pansy Morris 2060.
    - Geranium 3963.....
      - Pierrot 636, imp.
      - La Biche 905, imp.
  - Tenella 6712.....
    - Signal 1170.....
      - Marius 760.
      - Pansy Morris 2060.
    - Alda 3873.....
      - Grand Duke Alexis 1040.
      - Archie 1112.

V. K.'s May 41929.—Yield of milk, 204 lbs. 15 oz.; yield of butter, 14 lbs. 8 oz.; test made from October 19 to 26, 1892; age, 6 years; estimated weight, 900 lbs.; fed during test, 42 qts. corn meal, 42 qts. shorts and 14 qts. pea meal—short pasture; property of C. H. Ellsworth, Worcester, Mass.

- V. K.'s May 41929...
  - Victor's King 12678....
    - Lord Darlington 7285...
      - Duke of Darlington 2460
      - Marjoram 3239, imp.
    - Countess of Lakeside 12135.....
      - Dick Swiveller Jr. 276.
      - Betty 683.
  - May of Lakeside 10836..
    - Micawber 4796.....
      - Mr. Micawber 556.
      - Rosa of Lakeside 2d 10241.
    - Dove 3d 10823.....
      - Micawber 4796.
      - Dove 7824.

Calma of Briarcliff 52599.—Yield of milk, 200 lbs. 1 oz.; yield of butter, 14 lbs. 7½ oz.; test made from November 13 to 20, 1892; age, 4 years and 2 months; estimated weight, 1,050 lbs.; fed during test, 20 qts. daily of a mixture of equal parts of corn meal, ground oats and wheat bran and 1 pt. oil meal—hay *ad lib.*; property of Walter W. Law, Whitson, N. Y.

- Calma of Briarcliff 52599.....
  - Rioter's Combination 10363.....
    - Stoke Pogis 3d 2388....
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Pride of Windsor 483, imp.
  - Cetewayo's Lily 18950..
    - Cetewayo..... (P. S. 224 J. H. B.)
      - Romulus (P. S. 181 J. H. B.)
      - Musique (F. S. 1096 J. H. B.)
    - Lily (P. S. 166 J. H. B.)
      - Jacquot (P.S. 63 J.H.B.)
      - La Rocque (F. S. 933 J. H. B.)

Desda Pogis 58344.—Yield of milk, 247 lbs. 2 oz.; yield of butter, 14 lbs. 7½ oz.; test made from June 18 to 25, 1893; age, 4 years and 9 months; estimated weight, 800 lbs.; fed during test, 67 lbs. ground corn and oats—blue grass and white clover pasture; property of O. P. Bowers, Muncie, Ind.

- Desda Pogis 58344...
  - Stoke Pogis Prince 11005.....
    - King Rioter 6075.....
      - Stoke Pogis 5th 5987.
      - La Petite Belle 12807.
    - Dreadnaught's Pride 13539.....
      - Dreadnaught 1470.
      - Fanny 575.
  - Desdemona Belle 19366.
    - Arawana Mark 4629....
      - Arawana Beautiful Boy 2874.
      - Mariana 5571.
    - Forest Leaf 8031.....
      - Barre 1920.
      - Josie 4th 3374.

Gladdis Roy 18566.—Yield of milk, 287 lbs. 8 oz.; yield of butter, 14 lbs. 7½ oz.; test made from July 24 to 31, 1891; age, 9 years and 1 month; estimated weight, 850 lbs.; fed during test, 9 lbs. meal, 4 lbs. bran and 3 lbs. oil meal daily—ordinary pasture; property of H. A. Huntington, Higganum, Conn.

- Gladdis Roy 18566...
  - Catono 3761.....
    - On I. of J.
    - Ona 7840.....
      - Khedive (P. S. 103 J. H. B.)
      - Écornée (F. S. 846 J. H. B.)
  - Cowles' Eirene 3926....
    - Ishmael Hurd 1548.....
      - Major Tunxes 1547.
      - Buck's Kate 3463.
    - Puss 4397.....
      - Major Tunxes 1547.
      - Dickinson's Belle 4395.

Bristol Bella 15697.—Yield of milk, 162 lbs. 7 oz.; yield of butter, 14 lbs. 7 oz.; test made from October 11 to 18, 1893; age, 12 years and 8 months; estimated weight, 950 lbs.; fed during test, 84 qts. ground corn and oats, 84 qts. wheat bran and 21 qts. oil meal—clover hay; property of George H. Sweet, East Aurora, N. Y.

- Bristol Bella 15697....
  - Pompus 2881.....
    - Ranger 1231.....
      - Rival 395.
      - Rachel 1056.
    - Pet of Maplewood Farm 4854.....
      - Victor 797.
      - Margeretta 1994.
  - Dolly P. 10129.....
    - Pierrot 5th 1665.....
      - Pierrot 636, imp.
      - Eugenie 2d 1623.
    - Ann Pet 5639.....
      - Burdell 1087.
      - Norton's Beauty 2809.

Daffy of St. Lambert 69894.—Yield of milk, 211 lbs.; yield of butter, 14 lbs. 7 oz.; test made from May 31 to June 7, 1892; age, 2 years and 9 months; estimated weight, 700 lbs.; fed during test, 25 lbs. chopped peas and oats daily—clover and timothy pasture; property of William Rolph, Markham, Ont., Can.

- Daffy of St. Lambert 69894.....
  - Canada's John Bull 5th 20092.....
    - Canada's John Bull 8388
      - Sir George of St. Lambert 6036.
      - Nymph of St. Lambert 12968.
    - Marianne Pogis 23008..
      - Lorne 5248.
      - Mary Anne of St. Lambert 9770.
  - Empress of St. Lambert 56502.....
    - Oaklands John Bull 16587.....
      - Canada's John Bull 8388
      - Nymph of St. Lambert 12968.
    - Peony of St. Lambert 56501.....
      - Canada's John Bull 8388
      - Lord Fife's Joliette 30591.

Diamond Rose 25944, imp.—Yield of milk, 190 lbs.; yield of butter, 14 lbs. 7 oz.; test made from May 19 to 26, 1891; age, 9 years; estimated weight, 850 lbs.; fed during test, 56 qts. corn and cob meal—good blue grass pasture; property of J. K. Sheets, Troy, Ohio.

Gilt Lady 2d 33969.—Yield of milk, 199 lbs.; yield of butter, 14 lbs. 7 oz.; test made from January 11 to 18, 1891; age, 5 years and 8 months; estimated weight, 900 lbs.; fed during test, 42 lbs. bran, 42 lbs. corn meal and 42 lbs. cotton-seed meal; property of L. T. Hazen, Hazen's Junction, N. H.

- Gilt Lady 2d 33969....
  - Lord Darlington 7285..
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Marjoram 3239, imp.
  - Gilt Lady 14981.....
    - Gilderoy 3d 5043.....
      - Gilderoy 2107.
      - Chrome Skin 7881.
    - Lady Madeline 10526...
      - Prince of Warren 1512.
      - Tamy 3d 7127.

La Violette 2d 52604.—Yield of milk, 158 lbs. 8 oz.; yield of butter, 14 lbs. 7 oz.; test made from June 5 to 12, 1892; age, 4 years and 2 months; estimated weight, 900 lbs.; fed during test, 56 lbs. cut corn fodder, 7 lbs. corn meal, 14 lbs. gluten meal, 14 lbs. bran, 7 lbs. linseed meal, 210 lbs. roots and 56 lbs. hay; property of Est. of Frederick Billings, Woodstock, Vt.

- La Violette 2d 52604.
  - Garfield Stoke Pogis 15963.....
    - Exile of St. Lambert 13657.....
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Mollie Garfield 12172...
      - Bel Caliph 1432.
      - Maple Dale 2907.
  - La Violette 36801.....
    - Le Brocq's Prize 3350 ..
      - On I. of J.
      - Matin 7768 (F. S. 1629 J. H. B.)
    - Violette 7471.....
      - Apollo (P. S. 108 J.H.B.)
      - Young Rose (P. S. 43 J. H. B.)

Miss Clifford 5th 63364.—Yield of milk, 215 lbs. 1 oz.; yield of butter, 14 lbs. 7 oz.; test made from June 11 to 18, 1893; age, 3 years and 3 months; estimated weight, 750 lbs.; fed during test, 30 lbs. corn meal, 20 lbs. coarse bran and 15 lbs. old process oil meal; property of A. S. Bell, London, Ohio.

- Miss Clifford 5th 63364.....
  - Stoke Pogis Trio 15448.
    - Stoke Pogis Prince 11005.....
      - King Rioter 6075.
      - Dreadnaught's Pride 13539.
    - Pride of Vernon 21067..
      - Legrand 6609.
      - Lobelia 4379.
  - Miss Clifford 27962.....
    - Gold Rope 6139.....
      - Dudley 3999.
      - Warren's Duchess 4622.
    - Jessie Benton 11183....
      - Imperial 505.
      - Dot of Bear Lake 6170.

Ruby's Valentine 81780.—Yield of milk, 221 lbs. 14 oz.; yield of butter, 14 lbs. 7 oz.; test made from July 27 to August 3, 1893; age, 2 years and 3 months; estimated weight, 450 lbs.; fed during test, 28 lbs. corn meal, 14 lbs. oil meal, 28 lbs. bran and 20 lbs. ensilage; property of Samuel McKeen, Terre Haute, Ind.

- Ruby's Valentine 81780
  - Ruby's Star of St. Lambert 20719
    - King of St. Lambert 15175
      - Ida's Rioter of St. L. 13656.
      - Allie of St. Lambert 24991.
    - Ruby St. L. 34751
      - Rioter's Pride 11694.
      - Lisgar's Duchess 26299.
  - St. Albans' Valentine 41707
    - Duke of St. Albans 11234
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Valentine of Trinity 7460
      - Duke (P. S. 76 J. H. B.)
      - On I. of J.

Signal Duke's Creamer 60812.—Yield of milk, 201 lbs. 1 oz.; yield of butter, 14 lbs. 7 oz.; test made from July 9 to 16, 1891; age, 2 years and 9 months; estimated weight, 775 lbs.; fed during test, 14 lbs. corn and oats, mixed in equal parts by weight and ground, and 7 lbs. oil meal—potato parings, etc., pasture of white clover and native grasses; property of Giltedge Farm Co., Syracuse, N. Y.

- Signal Duke's Creamer 60812
  - Signal Duke of Alfred 11927
    - Red Cloudlet 7560
      - Alpenoa 6062.
      - Gardiner's Ripple 11693.
    - Gardiner's Thistle 11338
      - Allegany Comet 2031.
      - Nettle 3241.
  - Signal Pomona 28398
    - Signal Jupiter 8703
      - Allegany Chief 2918.
      - Agapanthus 7174.
    - Pomona 2560
      - Fancy Joe 298.
      - Flora 1044.

Dempsey's Beauty 62808.—Yield of milk, 112 lbs. 10 oz.; yield of butter, 14 lbs. 6 oz.; test made from October 8 to 15, 1891; age, 2 years and 2 months; estimated weight, 550 lbs.; fed during test, 2 gals. corn, oats and barley chop and 1 qt. oil meal daily—fair pasture; property of Belmont Jersey Cattle Co., Columbus, Ohio.

- Dempsey's Beauty 62808
  - Fancy Toltec 21167
    - Fancy's Harry 9777
      - Lord Harry 3445.
      - Landseer's Fancy 2876.
    - Creole Maid 2d 31881
      - Toltec 6831.
      - Creole Maid 11017.
  - Tenie Rex 55085
    - Col. Rex 12975
      - Rex 1330.
      - Lady Flora 10198.
    - Buckeye Pet 19459
      - Marshal Ney 3443.
      - Buckeye Belle 19458.

Julia Tyre 45187.—Yield of milk, 228 lbs. 6 oz.; yield of butter, 14 lbs. 6 oz.; test made from February 10 to 17, 1891; age, 5 years and 7 months; estimated weight, 650 lbs.; fed during test, 56 lbs. mill feed, 42 lbs. corn meal and 14 lbs. oil meal—also hay; property of D. W. Voyles, Crandall, Ind.

- Julia Tyre 45187
  - Bonnie's Polonius 10138
    - Polonius Rex 5735
      - Polonius 2513.
      - Sarilla 4515.
    - Bonnie Fawn 6190
      - Baronet 2240.
      - Pride of Home 5130.
  - Orphan Duchess 4th 29006
    - Albert Pansy 8396
      - Graybeard 1831.
      - Vesper Bell 2438.
    - Orphan Duchess 4519
      - Prize Duke 942.
      - Jersey Duchess 1266.

Kate Crecraft 40783.—Yield of milk, 173 lbs. 4 oz.; yield of butter, 14 lbs. 6 oz.; test made from June 13 to 20, 1891; age, 5 years and 7 months; estimated weight, 850 lbs.; fed during test, 5 lbs. bran and 5 lbs. cotton-seed meal daily—timothy, clover and blue grass pasture; property of Bordwell & Cochran, Batavia, Ohio.

- Kate Crecraft 40783...
  - Champion's Loyal 12673
    - Champion's Son 3286...
      - Champion of America 1567.
      - Williams' Birdie 4659.
    - Mary of Bear Lake 6171
      - Prince of Warren 1512.
      - Warren's Duchess 4622.
  - Imperial's Omega 13241.
    - Imperial 505.....
      - Black Imperial 255.
      - Cowslip 1157.
    - Dot of Bear Lake 6170..
      - Prince of Warren 1512.
      - Monmouth Duchess 2d 4619.

Matilda's Matilda 75348.—Yield of milk, 182 lbs.; yield of butter, 14 lbs. 6 oz.; test made from December 15 to 22, 1892; age, 2 years and 4 months; estimated weight, 750 lbs.; fed during test, 40 lbs. pea meal, 27 lbs. oil meal, 28 lbs. cotton-seed meal, 41 lbs. mixed feed and 135 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.

- Matilda's Matilda 75348.....
  - Matilda 4th's Son 20214.
    - Ida's Rioter of St. L. 13656.....
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Matilda 4th 12816.....
      - Stoke Pogis 1259, imp.
      - Matilda 3238, imp.
  - Matilda 5th 18068.....
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Matilda 3238, imp.

Sapolio 61082.—Yield of milk, 227 lbs. 5 oz.; yield of butter, 14 lbs. 6 oz.; test made from October 18 to 25, 1891; age, 3 years and 7 months; estimated weight, 850 lbs.; fed during test, about 2 lbs. oil meal, 8 lbs. bran and mids and 4 lbs. oats and fodder corn daily—clover and timothy pasture; property of A. D. McBain, Brockport, N. Y.

- Sapolio 61082.....
  - Exile of St. Lambert 2d 17131.....
    - Exile of St. Lambert 13657.....
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Giulietta Cooke 32193...
      - Seneca Chief 4098.
      - Gigia 4447.
  - Marcella Maid's Pearl 23794.....
    - Chippewa 5739.....
      - Marquis of Lossie 3512.
      - Hebe Ross 8821.
    - Marcella Maid 13568....
      - Bristol Chief 2d 3218.
      - Kobe's Marcella 4597.

Victor's Matilda 46834.—Yield of milk, 237 lbs. 4 oz.; yield of butter, 14 lbs. 6 oz.; test made from July 28 to August 4, 1893; age, 5 years and 9 months; estimated weight, 825 lbs.; fed during test, 6 qts. mixed feed, 4 qts. Buffalo gluten, 4 qts. coarse linseed meal and 4 qts. oat feed daily—green oats and peas; property of C. H. Ellsworth, Worcester, Mass.

- Victor's Matilda 46834.....
  - L. D.'s Victor St. Helier 15286.....
    - Lord Darlington 7285...
      - Duke of Darlington 2460.
      - Marjoram 3239, imp.
    - Pavon 12485.....
      - St. Helier 45, imp.
      - Moss Rose of Willow Farm 5194.
  - Rioter's Daisy M. 35374.
    - Oxford Rioter 5992.. ..
      - Midas of Oxford 5986.
      - La Belle Petite 5472.
    - Daisy Morrison 14035...
      - John Morrison 4551.
      - Melia Ann 5444.

Beech Grove Elsie 67758.—Yield of milk, 188 lbs. 3 oz.; yield of butter, 14 lbs. 5½ oz.; test made from October 17 to 24, 1892; age, 4 years and 9 months; actual weight, 700 lbs.; fed during test, 105 lbs. ground corn and cob meal and 60 lbs. wheat bran—pasture of mixed grasses; property of Columbus Dixon, Gillespieville, Ohio.

- Beech Grove Elsie 67758
  - Cobonon 15744
    - Coburn's Prize 6851
      - Le Brocq's Prize 3350.
      - Mamie Coburn 3798.
    - Mignonette of Grouville 7473, imp.
  - Emily Le Brocq 36610
    - Coburn's Prize 6851
      - Le Brocq's Prize 3350.
      - Mamie Coburn 3798.
    - Elinor Wells 12068
      - Le Brocq's Prize 3550.
      - Annie Wells 1947.

Fancy Wax 2d 83357.—Yield of milk, 158 lbs. 12 oz.; yield of butter, 14 lbs. 5½ oz.; test made from October 12 to 19, 1893; age, 3 years and 2 months; estimated weight, 800 lbs.; fed during test, 70 qts. ground oats and 70 qts. corn meal—little hay, fair pasture; property of Morgan & Brown, Columbia, Tenn.

- Fancy Wax 2d 83357
  - Landseer's Pogis 15847.
    - Pogis Chief 3998
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Landseer's Fancy 2876
      - Landseer 331.
      - Young Fancy 97.
  - Fancy Wax 37159
    - Fancy's Harry 9777
      - Lord Harry 3445.
      - Landseer's Fancy 2876.
    - Beeswax 9807
      - Top-Sawyer 1404.
      - Bisma 3d 1870.

Acme's Bonnie Bess 31509.—Yield of milk, 221 lbs. 10 oz.; yield of butter, 14 lbs. 5 oz.; test made from June 5 to 12, 1892; age, 9 years and 3 months; estimated weight, 1,000 lbs.; fed during test, 3 gals. corn, oats and barley chop and 1 qt. oil meal daily—good pasture, but wet; property of Belmont Jersey Cattle Co., Columbus, Ohio.

- Acme's Bonnie Bess 31509
  - Johnson's Acme 3656
    - On I. of J.
    - Sylvie Haughton 8088
      - Sir Edward (P. S. 87 J. H. B.)
      - Rosy (F. S. 1075 J. H. B.)
  - Palestine's Last Daughter 12602
    - Pierrot 7th 1667
      - Pierrot 636, imp.
      - Pet 811, imp.
    - Palestine 26, imp.

Azelda's Valhalla 45234.—Yield of milk, 187 lbs.; yield of butter, 14 lbs. 5 oz.; test made from March 7 to 14, 1893; age, 6 years and 1 month; estimated weight, 800 lbs.; fed during test, 60 lbs. bran, 56 lbs. corn meal and 40 lbs. oil meal; property of Cornelius Easthope, Niles, Ohio.

- Azelda's Valhalla 45234
  - Azelda's Wanderer 12997
    - Wanderer 3014
      - Signal 1170.
      - Cosette 3874.
    - Azelda 3872
      - Grand Duke Alexis 1040.
      - Grand Duchess of St. Peter's 2733.
  - Edna Browning 12292
    - Compeer 2367
      - Son of Alphea 562.
      - Bella Donna 1727.
    - Valhalla 5300
      - Signal 1170.
      - Azelda 3872.

Daisy Clementaise 77341.—Yield of milk, 183 lbs.; yield of butter, 14 lbs. 5 oz.; test made from December 20 to 27, 1893; age, 4 years and 9 months; estimated weight, 975 lbs.; fed during test, 12 qts. daily of a mixture in about equal parts of oats, peas, barley and corn—clover hay, cabbage; property of E. G. Youmans, Groton, N. Y.

- Daisy Clementaise 77341
  - Georgia 10606
    - Count St. George 8403
      - Sir George 7656 (P. S. 221 J. H. B.)
      - St. Clémentaise 18163 (F. S. 917 J. H. B.)
    - Elda 22052
      - Sir George 7656 (P. S. 221 J. H. B.)
      - Dryandva (F. S. 1977 J. H. B.)
  - Daisy's Last 46376
    - Georgia 10606
      - Count St. George 8403.
      - Elda 22052.
    - Daisy 684
      - Jersey Boy 272.
      - Diana 672.

Lady Jane of St. Peter's 2d 62536.—Yield of milk, 148 lbs. 12 oz.; yield of butter, 14 lbs. 5 oz.; test made from June 12 to 19, 1892; age, 3 years and 8 months; estimated weight, 790 lbs.; fed during test, 56 lbs. cut corn fodder, 7 lbs. corn meal, 14 lbs. gluten meal, 14 lbs. bran, 7 lbs. linseed meal, 210 lbs. roots and 56 lbs. hay; property of Est. of Frederick Billings, Woodstock, Vt.

- Lady Jane of St. Peter's 2d 62536.
  - Garfield Stoke Pogis 15963
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Mollie Garfield 12172
      - Bel Caliph 1432.
      - Maple Dale 2907.
  - Lady Jane of St. Peter's 7475
    - On I. of J.
    - Matin (F. S. 1629 J. H. B.)

Lilium Excelsum 2d 66040.—Yield of milk, 210 lbs. 8 oz.; yield of butter, 14 lbs. 5 oz.; test made from June 28 to July 5, 1892; age, 3 years and 4 months; estimated weight, 700 lbs.; fed during test, 28 qts. pea meal and 56 qts. wheat bran—fair pasture; property of Mrs. E. M. Jones, Brockville, Ont., Can.

- Lilium Excelsum 2d 66040
  - Rioter of Rocky Farm 18183
    - Earl Rioter 10715
      - Barry's Eddington 2250.
      - Devotion 16594.
    - Lilium Excelsum 24945.
      - Velpeau 2146.
      - Minerva of Canterbury 12130.
  - Lilium Excelsum 24945
    - Velpeau 2146
      - Cavalier 1513.
      - Fantibel 2679.
    - Minerva of Canterbury 12130
      - Velpeau 2146.
      - Natali's Daughter 7540.

Nan of Argyle 47561.—Yield of milk, 280 lbs.; yield of butter, 14 lbs. 5 oz.; test made from July 4 to 11, 1893; age, 4 years and 7 months; estimated weight, 900 lbs.; no grain fed during test—pasture, good new stocking, clover and mixed grasses; property of E. S. Henry, Rockville, Conn.

- Nan of Argyle 47561.
  - Baron Hugo 15208
    - Baron of St. Lambert 5286
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Stolen Kisses 6864, imp. (F. S. 3247 J. H. B.)
  - Belle of Argyle 18358
    - Regulator 4676
      - Doctor Rook 4021.
      - Huahua 8410.
    - Duchess of Argyle 4th 7571
      - Duke of Argyle 1517.
      - Duchess of Argyle 3758.

Exile's Helen 61251.—Yield of milk, 198 lbs.; yield of butter, 14 lbs. 4½oz.; test made from January 22 to 29, 1892; age, 3 years and 11 months; estimated weight, 875 lbs.; fed during test, 42 qts. corn meal, 21 qts. cotton-seed meal and 42 qts. bran, also 42 lbs. clover hay; property of T. W. Palmer, Detroit, Mich.

- Exile's Helen 61251
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Helen Stoke Pogis 31947
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Lady Delphine 28460
      - Baldwin's Frolic 13840.
      - Lady Sarah 4931.

Frushia Wilson 47432.—Yield of milk, 181 lbs. 12 oz.; yield of butter, 14 lbs. 4½ oz.; test made from January 15 to 22, 1892: age, 5 years and 10 months; estimated weight, 850 lbs.; fed during test, 2 gals. corn meal, 4 gals. boiled cotton-seed and 2 gals. wheat bran—ensilage and clover hay *ad lib.*; property of Matthews & Humes, Huntsville, Ala.

- Frushia Wilson 47432.
  - Little Harry 8808
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Clara Mowbray 11020
      - Tormentor 3533.
      - Callie Nan 7959.
  - Guenn 25284
    - Toltec 6831
      - Tormentor 3533.
      - Oonan 1485.
    - Cora of Linwood 12915.
      - Top-Sawyer 1404.
      - Content of Linwood 6950.

Italica 58775.—Yield of milk, 208 lbs. 13 oz.; yield of butter, 14 lbs. 4½ oz.; test made from August 15 to 22, 1891; age, 2 years and 2 months; estimated weight, 800 lbs.; fed during test, 4 qts. ground corn and oats three times daily—orchard pasture; property of Richardson Bros., Davenport, Iowa.

- Italica 58775
  - Compass 16958
    - Young Combination 14550
      - Combination 4389.
      - Goodbye 27366.
    - Paradise 32082
      - Combination 4389.
      - Goodbye 27366.
  - Income 19472
    - Auroraboreëllis 2408
      - Umpire 1637.
      - Lady of Walnut Grove 4837.
    - Niva 7523
      - Caen 2317.
      - Countess Gisela 2820.

Exile's Arcadia 66201.—Yield of milk, 243 lbs. 8 oz.; yield of butter, 14 lbs. 4¼ oz.; test made from January 24 to 31, 1893; age, 3 years and 6 months; estimated weight, 800 lbs.; fed during test, 9 lbs. bran, 12 lbs. corn meal, 3¾ lbs. oil meal, 6 lbs. oatmeal, 63 lbs. hay and 91 lbs. roots; property of Pierce J. Cogswell, Rochester, N. Y.

- Exile's Arcadia 66201
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Cora of Arcadia 16151
    - Rocco 4517
      - Diamond Earl 3116.
      - Fanti 1937.
    - Clio of Staatsburgh 2d 12540
      - Samson Jr. 2723.
      - Clio of Staatsburgh 4177

Jeannette Geranium 61023.—Yield of milk, 121 lbs. 4 oz.; yield of butter, 14 lbs. 4 oz.; test made from June 25 to July 2, 1891; age, 2 years and 6 months; estimated weight, 700 lbs.; fed during test, 8 lbs. corn meal, 6 lbs. bran and 4 lbs. linseed meal daily, in two feeds, on moistened cut hay—scant pasture; property of William Hart Dexter, Springfield, Mass.

- Jeannette Geranium 61023
  - Geranium's Chief 18607.
    - Chief of the Miamis 2958.
      - Signal 1170.
      - Annie Lachaise 3961.
    - Geranium 2d 7838.
      - Signal 1170.
      - Geranium 3963.
  - Oonan's Jeannette 45616
    - Oonan's Rajah 8965
      - Lord Harry 3445.
      - Oonan 1485.
    - Lady Jeannette of St. James 12054.
      - Le Brocq's Prize 3350.
      - Lady Jane of St. Peter's 7475.

Jim's Glory 60527.—Yield of milk, 181 lbs. 6 oz.; yield of butter, 14 lbs. 4 oz.; test made from October 19 to 26, 1893; age, 5 years and 2 months; estimated weight, 800 lbs.; fed during test, 14 gals. corn bran, 14 qts. cotton-seed meal and 14 qts. corn meal—poor pasture; property of A. J. Hawes & Son, Montgomery, Ala.

- Jim's Glory 60527
  - John Rex 6th 4579.
    - John Rex 2761.
      - Rex 1330.
      - Usilda 832.
    - Dash 3060.
      - Blücher 2d 102.
      - Daisy 67.
  - Jim's Pride 31376.
    - Jim (P. S. 346 J. H. B.).
      - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Russy (F.S. 2101 J.H.B.)
    - Little Belle (on I. of J.)

Lillie Victor Pogis 85471.—Yield of milk, 206 lbs. 8 oz.; yield of butter, 14 lbs. 4 oz.; test made from August 25 to September 1, 1893; age, 2 years and 5 months; estimated weight, 650 lbs.; fed during test, corn fodder and good pasture; property of Mrs. J. H. Martin, Granville, N. Y.

- Lillie Victor Pogis 85471
  - Melia Ann's Victor Pogis 20697.
    - Lucy's Stoke Pogis 11544.
      - Stoke Pogis 3d 2238.
      - Lucy of St. Lambert 5116.
    - Melia Ann 2d 47464.
      - Lord Darlington 7285.
      - Melia Ann 5444.
  - Nelope Pedro 50879.
    - King Peto 10541.
      - Pedro 3187.
      - Alice W. of Milton 12852.
    - Nellie of Cedar Glen 10949.
      - Fitz 1988.
      - Nellie Parks 3766.

Margaret of Lagonda 35127.—Yield of milk, 209 lbs. 1 oz.; yield of butter, 14 lbs. 4 oz.; test made from June 11 to 18, 1892; age, 6 years and 9 months; estimated weight, 850 lbs.; fed during test, 3 gals. corn, oats and barley chop and 1 qt. oil meal daily—good pasture, but wet; property of Belmont Jersey Cattle Co., Columbus, Ohio.

- Margaret of Lagonda 35127
  - Crystal 9324.
    - Cloverine 3510.
      - Grand Duke Alexis 1040.
      - Kitty Clover 1113.
    - Chrissy 2d 7720.
      - Grand Duke Alexis 1040.
      - Chrissy 1448.
  - Queen of the Miamis 6793.
    - Mr. Guppy 993.
      - Brutus Woodford 703.
      - Lady 1775.
    - Hazalena 3275.
      - Hyperion 589.
      - Dimple 3248.

Matilda Hilda 75346.—Yield of milk, 173 lbs. 2 oz.; yield of butter, 14 lbs. 4 oz.; test made from December 18 to 25, 1892; age, 2 years and 5 months; estimated weight, 700 lbs.; fed during test, 40 lbs. pea meal, 26 lbs. oil meal, 26 lbs. cotton-seed meal, 40 lbs. mixed feed and 140 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.

- Matilda Hilda 75346
  - Matilda 4th's Son 20214
    - Ida's Rioter of St. L. 13656
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990
    - Matilda 4th 12816
      - Stoke Pogis 1259, imp.
      - Matilda 3238, imp.
  - The Colonel's Daughter 50230
    - Colonel Stoke Pogis 18756
      - Stoke Pogis 5th 5987.
      - Nerissa of Nyack 9692.
    - Hildmella 22315
      - Melville 5073.
      - Hilda B-B-B 17640

Nellie Bunker 52163.—Yield of milk, 179 lbs. 6 oz.; yield of butter, 14 lbs. 4 oz.; test made from June 18 to 25, 1891; age, 5 years; estimated weight, 750 lbs.; fed during test, 6 qts. bran and 2 qts. corn meal daily—fair pasture; property of T. R. Proctor, Utica, N. Y.

- Nellie Bunker 52163
  - Bunker 9025
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Sallie Bunker 1426, imp.
  - Zinnia 2d 20003
    - Natty Bumpo 1096
      - Governor 890.
      - Hattie 3d 741.
    - Zinnia 2816
      - Carl Deans 417.
      - Hattie 3d 741.

Nienchen 48698.—Yield of milk, 211 lbs.; yield of butter, 14 lbs. 4 oz.; test made from January 3 to 10, 1893; age, 5 years and 3 months; estimated weight, 800 lbs.; fed during test, 8 qts. wheat middlings, 6 qts. ground oats, 2 qts. corn meal, 2 qts. oil meal, with 40 lbs. ensilage, daily, in two feeds—hay *ad lib.;* property of George W. Sisson, Jr., Potsdam, N. Y.

- Nienchen 48698
  - Chuffy Chief 17625
    - Allegany Chief 2918
      - Signal 1170.
      - Corolla 4392.
    - Mooney's Beauty 18411
      - Crown Prince of Jersey 5876.
      - Mooney's Polly 17742.
  - Sigrianna 34941
    - Signal Rioter 9411
      - Signalda 4027.
      - Jessie Brown of Maxwell 7266.
    - Prim Rosanna 25185
      - Sultan of Woodside 5135
      - Anna K. 13204.

Praxitella 50072.—Yield of milk, 183 lbs. 12 oz.; yield of butter, 14 lbs. 4 oz.; test made from December 18 to 25, 1892; age, 5 years and 4 months; estimated weight, 850 lbs.; fed during test, 40 lbs. pea meal, 27 lbs. oil meal, 26 lbs. cotton-seed, 40 lbs. mixed feed and 150 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.

- Praxitella 50072
  - Ida's Stoke Pogis 13658
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Praxilla 31677
    - Signalda 4027
      - Signal 1170.
      - Alda 3873.
    - Cupid of St. Lambert 5104
      - Laval 506.
      - Amelia 484, imp.

Rhoda Hudson 48723.—Yield of milk, 211 lbs. 5 oz.; yield of butter, 14 lbs. 4 oz.; test made from May 24 to 31, 1891; age, 5 years and 3 months; actual weight, 850 lbs.; fed during test, 82 lbs. 3 oz. corn and oats ground together; property of Lyman A. Mills, Middlefield, Conn.

- Rhoda Hudson 48723..
  - Catono 3761.....
    - On I. of J.
    - Ona 7840.....
      - Khedive (P.S.103J.H.B.)
      - Écornée (F.S.846J.H.B.)
  - Rosabel Hudson 5704...
    - Oneco 918.....
      - Uncas 628.
      - Young Fancy 97.
    - Arabel Hudson 2877....
      - Landseer 331.
      - Rose Hudson 125, imp.

Rowena of Elm Spring 54613.—Yield of milk, 195 lbs. 14½ oz.; yield of butter, 14 lbs. 4 oz.; test made from October 17 to 24, 1891; age, 4 years; estimated weight, 750 lbs.; fed during test, 69½ qts. corn, oats and bran, with oil meal—stubble pasture; property of Armstrong Bros., Clinton, Mo.

- Rowena of Elm Spring 54613.....
  - Noble Cicero 13562.....
    - Young Cicero 7660.....
      - Cicero 7657 (P. S. 266 J. H. B.)
      - Lady Young 2d 16687.
    - Glory of Elmarch 21521.
      - Philidor (P. S. 276 J. H. B.)
      - Dottie 15407, imp. (F. S. 2560 J. H. B.)
  - Compeer's Rowena 22968.....
    - Son of Compeer 7279...
      - Compeer 2367.
      - Peach Blow 2d 8682.
    - Miss Edna 21655.....
      - Lorenzo 2432.
      - Metella 3905.

Countess Hebe 2d 45899.—Yield of milk, 241 lbs.; yield of butter, 14 lbs. 3 oz.; test made from July 2 to 9, 1893; age, 8 years and 3 months; estimated weight, 900 lbs.; fed during test, 14 lbs. bran, 37 lbs. corn meal, 14 lbs. middlings, 14 lbs. oil meal and 55 lbs. oats—old pasture, not good; property of J. E. Tyrrell, Marysville, Ohio.

- Countess Hebe 2d 45899.....
  - Rex of Jersey 12878....
    - Lemon's Rex 5458.....
      - Cash Boy 2248.
      - Lemon 11710.
    - Annie Grey 11712, imp.
  - Countess Hebe 8102....
    - Antelope 1927..... ...
      - Golden Ball 1474.
      - Safrano Rose 3676.
    - Hebe 6th 2833 .....
      - Cliff 176.
      - Hebe 1177.

Duke of St. L.'s Vail's Pet 61970.—Yield of milk, 236 lbs. 14 oz.; yield of butter, 14 lbs. 3 oz.; test made from June 17 to 24, 1893; age, 5 years and 1 month; estimated weight, 850 lbs.; fed during test, 5 qts. oatmeal, 4 qts. corn meal, 5 qts. bran and 1 qt. cotton-seed meal daily—clover and timothy pasture; property of Mrs. E. F. Hawley, Pittsford, N. Y.

- Duke of St. L.'s Vail's Pet 61970....
  - Duke of St. Lambert 16160.....
    - Baron of St. Lambert 5286.....
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Charity of St. Lambert 6638.....
      - Stoke Pogis 3d 2238.
      - Flora of St. Lambert 5526.
  - Vail's Pet 12092.....
    - Don Hubert 4282.....
      - Jonathan 2d 4280.
      - Rhoda Jenkins 2324.
    - Vail's Ermine 13083....
      - Vail's Don 2032.
      - Evelyn 2d 6727.

Eufielda 62546.—Yield of milk, 151 lbs. 8 oz.; yield of butter, 14 lbs. 3 oz.; test made from June 5 to 12, 1892; age, 2 years and 8 months; estimated weight, 825 lbs.; fed during test, 56 lbs. cut corn fodder, 7 lbs. corn meal, 14 lbs. gluten meal, 14 lbs. bran, 7 lbs. linseed meal, 56 lbs. hay and 210 lbs. roots; property of Est. of Frederick Billings, Woodstock, Vt.

- Eufielda 62546
  - Garfield Stoke Pogis 15963
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Mollie Garfield 12172
      - Bel Caliph 1432.
      - Maple Dale 2907.
  - Euphonia 5th 39124
    - Matin's Glory 9135
      - Lille Bonne's Son 4418.
      - Matin 7768.
    - Euphonia 6783
      - Gilroy 1653.
      - Eudora 1863.

Fancy Phlox 49652.—Yield of milk, 166 lbs. 9 oz.; yield of butter, 14 lbs. 3 oz.; test made from October 28 to November 4, 1891; age, 3 years and 11 months; estimated weight, 1,000 lbs.; fed during test, 8 qts. corn-hearts, 6 qts. ground oats, 6 qts. bran, 2 qts. cotton-seed meal and 2 qts. linseed meal daily—pea and clover hay *ad lib.*, frost-bitten pasture; property of J. L. Thomas, Knoxville, Tenn.

- Fancy Phlox 49652
  - Fancy's Harry 9777
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Landseer's Fancy 2876
      - Landseer 331.
      - Young Fancy 97.
  - Phlox 3d 31882
    - Toltec 6831
      - Tormentor 3533.
      - Oonan 1485.
    - Phlox 16399
      - Guy Mannering 698.
      - Gazania 4513.

Fleecy Princess 40342.—Yield of milk, 210 lbs. 14 oz.; yield of butter, 14 lbs. 3 oz.; test made from September 13 to 20, 1891; age, 6 years and 5 months; estimated weight, 900 lbs.; fed during test, 18 lbs. corn meal, 7½ lbs. wheat bran and 2 lbs. cotton-seed meal daily—short Japan clover and Bermuda grass; property of M. Lothrop, Marshall, Tex.

- Fleecy Princess 40342
  - Prince of Melrose 4819
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110
  - Fleece 18568
    - The Hub 1009
      - Motley 515.
      - Bessie 139.
    - Busy Bee 6336
      - Top-Sawyer 1404.
      - Bisma 3d 1870.

Kitty of Jefferson 2d 12313.—Yield of milk, 196 lbs. 6 oz.; yield of butter, 14 lbs. 3 oz.; test made from January 3 to 10, 1891; age, 11 years and 8 months; estimated weight, 900 lbs.; fed during test, 56 lbs. crushed oats, 56 lbs. corn meal, 28 lbs. pea meal, 28 lbs. oil meal, 80 lbs. hay and 168 lbs. ensilage; property of Ayer & McKinney, Philadelphia, Pa.

- Kitty of Jefferson 2d 12313
  - Dexter of Jefferson 5681
    - Vermont 893
      - Governor 890.
      - Victorine 2233.
    - Clara 4th 1541
      - Commodore 613.
      - Clara 714.
  - Kitty of Jefferson 12193
    - Peter Norman 1238
      - Yankee 1003, imp.
      - Princess of Normandy 3190, imp.
    - Kitty 2d 2345
      - Napoleon 291, imp.
      - Kitty 770, imp.

Kitty's Matilda 75349.—Yield of milk, 199 lbs. 3 oz.; yield of butter, 14 lbs. 3 oz.; test made from January 30 to February 6, 1893; age, 2 years and 4 months; estimated weight, 700 lbs.; fed during test, 14 lbs. oil meal, 42 lbs. pea meal, 80 lbs. corn, oats and shorts in equal parts—hay; property of Ayer & McKinney, Philadelphia, Pa.

- Kitty's Matilda 75349.
  - Matilda 4th's Son 20214.
    - Ida's Rioter of St. L. 13656....
      - Bachelor of St. Lambert 4558.
      - Ida of St. Lambert 24990.
    - Matilda 4th 12816.....
      - Stoke Pogis 1259, imp.
      - Matilda 3238, imp.
  - Kitty of Jefferson 2d 12313.....
    - Dexter of Jefferson 5681
      - Vermont 893.
      - Clara 4th 1541.
    - Kitty of Jefferson 12193.
      - Peter Norman 1238.
      - Kitty 2d 2245.

Little Mistiss 62849.—Yield of milk, 220 lbs. 12 oz.; yield of butter, 14 lbs. 3 oz.; test made from December 25, 1893, to January 1, 1894; age, 4 years and 3 months; estimated weight, 800 lbs.; fed during test, 35 lbs. bran, 35 lbs. cotton-seed meal, 63 lbs. coarse corn meal and 21 lbs. ground oats—hay; property of James L. Cooper, Nashville, Tenn.

- Little Mistiss 62849...
  - Little Tormentor 17995..
    - Tormentor 3533.....
      - Khedive (P.S.103J.H.B.)
      - Angela (F.S.1607J.H.B.)
    - Méprise 4898.....
      - Alpheus 1168.
      - Camilla 4th 2023.
  - Tillie Meysenburg 23148
    - Top-Sawyer 1404.....
      - Marius 760.
      - Emblem 90.
    - Golden Eye 4407.....
      - Jersey King 879.
      - Daisy Washington 3063.

Signalona 72105.—Yield of milk, 189 lbs. 12 oz.; yield of butter, 14 lbs. 3 oz.; test made from June 9 to 16, 1893; age, 2 years; estimated weight, 700 lbs.; fed during test, 42 lbs. Chicago gluten meal, 42 lbs. ground oats, 42 lbs. wheat bran, 14 lbs. linseed meal—hay, no pasture: property of William Hart Dexter, Springfield, Mass.

- Signalona 72105.....
  - Signal Jr. 7166.....
    - Signal 1170... .....
      - Marius 760.
      - Pansy Morris 2060.
    - Alda 3873.....
      - Grand Duke Alexis 1040.
      - Archie 1112.
  - Sirona 27128.....
    - Signalda 4027.....
      - Signal 1170.
      - Alda 3873.
    - Signalinea 16336.....
      - Benlomond 3980.
      - Œnone 8614.

Value Belle 33080.—Yield of milk, 266 lbs. 4 oz.; yield of butter, 14 lbs. 3 oz.; test made from April 15 to 22, 1892; age, 7 years and 3 months; estimated weight, 1,000 lbs.; fed during test, 5 lbs. linseed meal (old process), 2 lbs. bran and 8 lbs. corn meal daily—140 lbs. hay, no pasture; property of E. B. Jones, Mount Pleasant, Ohio.

- Value Belle 33080....
  - Champion of Kansas 4585.... .....
    - Champion of Indiana 3075.....
      - Champion of Hilltop 1839.
      - Silveretta 6852.
    - Garrene 7268.....
      - Hurrah 2814.
      - Value 2d 6844.
  - Gertie Rex 23946.....
    - Lebanon Rex 6124.....
      - Cash Boy 2248.
      - Lebanon Maid 6109.
    - Trixie D. 13698.....
      - Dudley 3999.
      - Duchess of Dudley 8670.

Emma Landseer 2d 69220.—Yield of milk, 186 lbs.; yield of butter, 14 lbs. 2¾ oz.; test made from May 2 to 9, 1893; age, 2 years and 7 months; estimated weight, 800 lbs.; fed during test, 56 qts. oats, 56 qts. meal and 28 qts. bran—very little hay, blue grass and white clover pasture; property of Morgan & Brown, Columbia, Tenn.

Emma Landseer 2d 69220	Tennessee's Landseer 23015	Landseer's Pogis 15847.	Pogis Chief 3998.
			Landseer's Fancy 2876.
		Fancy Wax 37159	Fancy's Harry 9777.
			Beeswax 9807.
	Emma Landseer 58104	Landseer's Pogis 15847.	Pogis Chief 3998.
			Landseer's Fancy 2876.
		Belle Lyman 28522	General Lyman 6631.
			Belle of Wolcott 8938.

Kaembe's Maud Eurota 91066.—Yield of milk, 171 lbs. 5 oz.; yield of butter, 14 lbs. 2½ oz.; test made from November 16 to 23, 1893; age, 1 year and 9 months; estimated weight, 650 lbs.; fed 16 qts. bran, 4 qts. ground oats and corn and 1 qt. old process oil meal daily, also 150 lbs. clover hay during test; property of Mrs. Kate M. Busick, Wabash, Ind.

Kaembe's Maud Eurota 91066	Euroto Pogis Le Brocq 19503	Euroto Pogis 12434	Nokomo 6771.
			Lily of St. Lambert 2d 12809.
		Glory's Delight 17517	Le Brocq's Glory 4870.
			May's Delight 11917.
	Maud of Maple View 39511	Nora's Longfellow 7427.	Longfellow of Sugar Grove Herd 4947.
			Nora Ogden 8597.
		Maud Alice 14001	Colonel Miles 3258.
			Maud R. C. 6087.

Mocha's Pet's Rheta 37529.—Yield of milk, 325 lbs. 8 oz.; yield of butter, 14 lbs. 2½ oz.; test made from July 16 to 23, 1893; age, 8 years and 10 months; estimated weight, 800 lbs.; fed during test, 6 qts. corn meal, 6 qts. ground oats, 3 qts. bran, ¾ qt. oil meal and 21 lbs. cut hay and green fodder daily; property of Pierce J. Cogswell, Rochester, N. Y.

Mocha's Pet's Rheta 37529	Chippewa 5739	Marquis of Lossie 3512	Litchfield 674.
			Victoria Guelph 3898.
		Hebe Ross 8821	Tom (P. S. 77 J. H. B.)
			On I. of J.
	Mocha's Pet 12985	Pure Gold 1487	Butter-Stamp 700.
			Lady Palestine 2769.
		Mocha 2d 4881	Mount Peter 1320.
			Mocha 1921.

Augustella 63018.—Yield of milk, 126 lbs.; yield of butter, 14 lbs. 2 oz.; test made from February 12 to 19, 1893; age, 5 years; estimated weight, 850 lbs.; fed during test, moderate quantities of bran, corn meal, cotton-seed and hay; property of J. D. Gray, Terrell, Tex.

Augustella 63018	Allegany Chief 2918	Signal 1170	Marius 760.
			Pansy Morris 2060.
		Corolla 4392	Grand Duke Alexis 1040.
			Belle Hartford 2718.
	Glenida 2d 5770	Tocsin 1912	Welcome (parish bull of St. Saviour's).
			Twilight of South East 4547, imp.
		Glenida 4436, imp.	

Birdsey's Surprise 48326.—Yield of milk, 255 lbs. 7 oz.; yield of butter, 14 lbs. 2 oz.; test made from June 16 to 23, 1891; age, 5 years and 4 months; actual weight, 870 lbs.; fed during test, 118 lbs. corn and oats, ground together, also grass; property of Lyman A. Mills, Middlefield, Conn.

- Birdsey's Surprise 48326
  - Pedro of the Valley 8750
    - Catono 3761.
      - On I. of J.
      - Ona 7840.
    - Rosabel Hudson 5704...
      - Oneco 918.
      - Arabel Hudson 2877.
  - Flashy Jessie 2d 23332..
    - Joseph Le Brocq 7805..
      - Joseph 3419.
      - Jenny Le Brocq 9757.
    - Flashy Jessie 9722.....
      - Flash 2532.
      - Jessie 2d 1301.

Bronzie of St. Lambert 49001.—Yield of milk, 234 lbs. 8 oz.; yield of butter, 14 lbs. 2 oz. (official); test made from May 23 to 30, 1892; age, 5 years and 4 months; estimated weight, 1,000 lbs.; fed during test, 91 lbs. grain and 42 lbs. hay; property of P. J. Cogswell, Rochester, N. Y.

- Bronzie of St. Lambert 49001.....
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Bronzie 9368.....
    - Samson 1079.....
      - Waterpower 756.
      - Ocean Queen 1405.
    - Imogene 4552.....
      - Harkaway 757.
      - Lady Huntington 1737.

Countess Alberta 42922.—Yield of milk, 245 lbs. 3 oz.; yield of butter, 14 lbs. 2 oz.; test made from July 14 to 21, 1889; age, 3 years and 7 months; estimated weight, 800 lbs.; fed during test, 6 qts. crushed oats, 6 qts. chopped corn and 8 qts. wheat bran daily, fed dry, with a little salt—fairly good blue grass pasture; property of George E. McGill & Son, Leavenworth, Kan.

- Countess Alberta 42922.....
  - Champion Albert 6023..
    - Champion of America 1567.....
      - May Boy 705.
      - Pansy 1019.
    - Kitty Colt 2213.....
      - Albert 44.
      - Kittie Lightfoot 2d 1300.
  - Countess Coomassie 19339.....
    - Silver Mine 1658.....
      - Silverlocks Jr. 699.
      - Minerva 1529.
    - Russie Hill of Maxwell 8661... .....
      - Le Gelé 2694.
      - Daisy of Jersey 3d 4582.

Ida Mary Pogis 56126.—Yield of milk, 150 lbs. 14 oz.; yield of butter, 14 lbs. 2 oz.; test made from October 20 to 27, 1891; age, 2 years and 10 months; estimated weight, 750 lbs.; fed during test, 45 lbs. oatmeal, 45 lbs. corn meal, 28 lbs. bran, 14 lbs. oil meal, about 80 lbs. hay and 1 bushel roots—millet, pumpkins and cured corn fodder; property of Ayer & McKinney, Philadelphia, Pa.

- Ida Mary Pogis 56126.
  - Ida of St. Lambert's Bull 19169.....
    - Stoke Pogis 5th 5987....
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Lady Mary Pogis 27113..
    - Stoke Pogis 5th 5987....
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Comtesse D'Espagne 10308.....
      - Ben Weston 3111.
      - Beletrice 7687.

Lady Woodbine 26803.—Yield of milk, 107 lbs. 8 oz.; yield of butter, 14 lbs. 2 oz.; test made from February 14 to 21, 1890; age, 6 years and 1 month; estimated weight, 800 lbs.; fed during test, 210 lbs. of a mixture of 125 lbs. corn meal, 80 lbs. oil meal, 30 lbs. fine feed, 15 lbs. bran and 15 lbs. ground oats—hay and ensilage; property of A. D. McBride, Rochester, N. Y.

- Lady Woodbine 26803.
  - Stand Point 7th 7929...
    - Stand Point 4508.....
      - Polonius 2513.
      - Ulala 6158.
    - Belmeda 6229.....
      - Superb 1956.
      - Orphean 4636.
  - Lady Madge 25541.....
    - Sir Duke 1907.....
      - Billy 1906, imp.
      - Vanity 4536, imp.
    - Belle of Spring Mill 10786.....
      - Sandy 2462.
      - Cherry 1987.

Oneida 42100.—Yield of milk, 202 lbs. 12 oz.; yield of butter, 14 lbs. 2 oz.; test made from October 1 to 8, 1887; age, 2 years and 6 months; estimated weight, 800 lbs.; fed during test, 15 qts. corn, oat and pea meal daily—pastured in orchard; property of Richardson Bros., Davenport, Iowa.

- Oneida 42100.....
  - Combination 4389.....
    - Polonius 2513 .....
      - Sarpedon 930.
      - Leda 799.
    - Lady Mel 429 .....
      - McClellan 4th 85
      - Mel 2d 57.
  - Doe 3061.....
    - Blücher 2d 102.....
      - Blücher 48.
      - Belle Bowen 206.
    - Dot 34.....
      - Stonewall Jackson 24.
      - Beauty 19, imp.

Torlona 76872.—Yield of milk, 177 lbs.; yield of butter, 14 lbs. 2 oz.; test made from June 16 to 25, 1893; age, 2 years and 4 months; estimated weight, 725 lbs.; fed during test, 12 lbs. corn-hearts and 4 lbs. cut sheaf oats—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

- Torlona 76872.....
  - Tormentor 7th 22911....
    - Tormentor 3533.....
      - Khedive (P.S.103J.H.B.)
      - Angela (F.S.1607J.H.B.)
    - Carrie Lena 3d 20077....
      - Lenox Cash Boy 6804.
      - Carrie Lena 3348.
  - Lemon Twig 42028.....
    - Gilderoy 2107.....
      - Magnetic 1428.
      - Jeanne Le Bas 2476.
    - Orange Twig 11796.....
      - Magnetic 1428.
      - Manna-rain 4181.

Lemon's Flossie 71214.—Yield of milk, 250 lbs. 8 oz.; yield of butter, 14 lbs. 1¾ oz.; test made from April 27 to May 4, 1892; age, 2 years and 11 months; estimated weight, 700 lbs.; fed during test, 56 lbs. corn meal and 14 lbs. ground oil-cake—rye pasture; property of Albert Stracke, Warsaw, Ill.

- Lemon's Flossie 71214.....
  - Nihilist of St. Lambert 18256.....
    - Canada's John Bull Jr. 15693.....
      - Canada's John Bull .8388.
      - Oaklands Nora 14880.
    - Canada's John's Bijou 36679.....
      - Canada's John Bull 8388.
      - Bijou of St. Lambert 5112.
  - Pearl's Lemon 41646....
    - Young Jupiter 12157 ...
      - Jupiter of Beechwood 6866.
      - Arietta 5115.
    - Pearl of Warsaw 30543.
      - Algebar 4262.
      - Freialita 21421.

Analysis 3d 82870.—Yield of milk, 155 lbs. 6 oz.; yield of butter, 14 lbs. 1 oz.; test made from March 17 to 24, 1893; age, 2 years and 3 months; estimated weight, 600 lbs.; fed during test, 48 qts. corn meal, 24 qts. corn and oats (⅓ oats), 56 qts. wheat bran, 6 qts. linseed meal, 6 qts. cotton-seed meal and 2 qts. pea meal—hay; property of Matthews & Moore, Huntsville, Ala.

- Analysis 3d 82870....
  - Signalda's Torment 14673.....
    - Signalda 4027.....
      - Signal 1170.
      - Alda 3873.
    - Odelle Sales 15564.....
      - Tormentor 3533.
      - Oonan 1485.
  - Analysis 29162.....
    - Surpry 2d..... (P. S. 459 J. H. B.)
      - Orange Peel (P. S. 288 J. H. B.)
      - Angelica 2d (P. S. 427 J. H. B.)
    - Ava (F. S. 6217 J. H. B.)

Betsy's Glory 45604.—Yield of milk, 219 lbs. 13 oz.; yield of butter, 14 lbs. 1 oz.; test made from June 11 to 18, 1893; age, 7 years and 9 months; estimated weight, 950 lbs.; fed during test, 21 qts. bran, 7 qts. cotton-seed meal, 7 qts. old process oil meal—blue grass, timothy and white clover pasture; property of A. Plummer & Son, Tacoma, Ohio.

- Betsy's Glory 45604..
  - Arawana's Glory 8001..
    - Reed's Farmer's Glory 5457.....
      - Farmer's Glory 5196 (F. S. 274 J. H. B.)
      - Lily Darling 11713.
    - Arawana Fuchsia 9933..
      - Atamasco 2731.
      - Anemone 3526.
  - Betsy 3d 8162.....
    - Rory O'More 3236.....
      - Bertrand 664.
      - Sea Gull 4th 1677.
    - Betsy 1137, imp.

Daisy-Seeker 43099.—Yield of milk, 156 lbs.; yield of butter, 14 lbs. 1 oz.; test made from July 10 to 17, 1891; age, 4 years and 6 months; estimated weight, 850 lbs.; fed during test, grass, with 2 qts. bran and 1 pt. corn meal night and morning—old pasture and some new meadow; property of Robert Johnson, East Kendall, N. Y.

- Daisy-Seeker 43099...
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Minto Fay 27705.....
    - Stand Point 7th 7929....
      - Stand Point 4508.
      - Belmeda 6229.
    - Lady Rositta 27701.....
      - Khan 6461.
      - Lady Madge 25541.

Fancy's Pet 2d 85912.—Yield of milk, 173 lbs. 12 oz.; yield of butter, 14 lbs. 1 oz.; test made from August 20 to 27, 1893; age, 2 years and 8 months; estimated weight, 625 lbs.; fed during test, 56 qts. ground oats and 56 qts. corn meal—little hay and short pasture; property of Morgan & Brown, Columbia, Tenn.

- Fancy's Pet 2d 85912..
  - Landseer's Pogis 15847..
    - Pogis Chief 3998.....
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Landseer's Fancy 2876..
      - Landseer 331.
      - Young Fancy 97.
  - Fancy's Pet 36013.....
    - Fancy's Landseer 12996.
      - Beaconsfield 3416.
      - Landseer's Fancy 2876.
    - Dovie of Linwood 6857.
      - Rector 1458.
      - Lady Dove 4418.

Flower of Meridale 64537.—Yield of milk, 224 lbs. 2 oz.; yield of butter, 14 lbs. 1 oz.; test made from December 30, 1892, to January 6, 1893; age, 3 years and 1 month; estimated weight, 800 lbs.; fed during test, 14 lbs. oil meal, 42 lbs. pea meal, 80 lbs. corn, oats and shorts—some hay; property of Ayer & McKinney, Philadelphia, Pa.

- Flower of Meridale 64537
  - Ida of St. Lambert's Bull 19169
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Ida of St. Lambert 24990.
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Flower of Glen Rouge 17560
    - Lord McDuff 5147
      - Jack Frost of St. Lambert 2419.
      - Young Lisette 10922.
    - Clematis of St. Lambert 5478
      - Lord Lisgar 1066.
      - Snowdrop of St. Lambert 5119.

Howland Nightingale 33291.—Yield of milk, 159 lbs.; yield of butter, 14 lbs. 1 oz.; test made from March 22 to 29, 1893; age, 8 years; estimated weight, 950 lbs.; fed during test, 70 lbs. bran, 35 lbs. oil meal and 63 lbs. corn meal; property of Cornelius Easthope, Niles, Ohio.

- Howland Nightingale 33291.
  - Weston 6285
    - Fairfield 4733
      - Commander in Chief 3035.
      - Cosette 3874.
    - Nancy Lee 7618
      - Claimant (P. S. 84 J. H. B.)
      - Nonpareil (F. S. 1248 J. H. B.)
  - Grace's Nightingale 19855
    - Old Hickory 2d 9224
      - Old Hickory 9221.
      - Nightingale K. 2d 19841.
    - Nightingale K. 16056
      - Stockwell (F. S. 116 J. H. B.)
      - Negro Girl 7650.

Kate Durwood 2d 82417.—Yield of milk, 152 lbs. 4 oz.; yield of butter, 14 lbs. 1 oz.; test made from November 23 to 30, 1893; age, 4 years and 6 months; estimated weight, 750 lbs.; fed during test, 56 qts. ground oats and 56 qts. corn meal—clover and millet, poor pasture; property of Morgan & Brown, Columbia, Tenn.

- Kate Durwood 2d 82417
  - Landseer's Pogis 15847.
    - Pogis Chief 3998
      - Stoke Pogis 3d 2238.
      - Cherry of St. Lambert 5127.
    - Landseer's Fancy 2876.
      - Landseer 331.
      - Young Fancy 97.
  - Kate Durwood 48971.
    - Durwood 4527
      - Top-Sawyer 1404.
      - Oonan 1485.
    - Kate Snow 9975
      - Nettle 2776.
      - Camille Cœur de Lion 6319.

Merry Maiden 64949.—Yield of milk, 170 lbs.; yield of butter, 14 lbs. 1 oz.; test made from October 3 to 10, 1892; age, 4 years; estimated weight, 800 lbs.; fed during test, about 4 gals. daily of a mixture consisting of ground corn, oats, bran and cut hay or cut corn fodder, also 1 qt. oil meal—pasture very short and dry; property of O. Graves, Maitland, Mo.

- Merry Maiden 64949
  - Diploma 16219
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Frankie's Lass 24900
      - Cobden 1871.
      - Frankie 5th 3542.
  - Costa Rica 64570
    - Upright 6147
      - Boton 4328.
      - Symbol 6136.
    - Modita 16626
      - Tony Calypso 3354.
      - Laura Lee 8550.

Exile's Rosa 66552.—Yield of milk, 159 lbs. 8 oz.; yield of butter, 14 lbs. ½ oz.; test made from March 10 to 17, 1892; age, 3 years; estimated weight, 750 lbs.; fed during test, 6 lbs. bran and fine feed, 4½ lbs. cotton-seed meal, 8½ lbs. corn meal, 5 lbs. hay and 6 qts. roots daily; property of Pierce J. Cogswell, Rochester, N. Y.

- Exile's Rosa 66552...
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Rosa's May Bud 47931..
    - Coritem 13511.....
      - Corinth 6662.
      - Frolic 5th 8300.
    - Rosa 5th 6577.....
      - Pierrot 636, imp.
      - Rosa 788, imp.

Baby Princess 57493.—Yield of milk, 229 lbs. 4 oz.; yield of butter, 14 lbs.; test made from December 16 to 23, 1890; age, 3 years and 6 months; estimated weight, 800 lbs.; fed during test, 9 lbs. corn meal, 4 lbs. ground oats, 3 lbs. wheat bran and 2½ lbs. linseed meal daily; property of C. H. Stevens, Canton Centre, Conn.

- Baby Princess 57493.
  - Prince of Avon 17544...
    - Garenne's Cicero 11596.
      - Cicero 7657 (P. S. 266 J. H. B.)
      - Garenne 24524 (F. S. 1575 J. H. B.)
    - Silver Venus 20270.....
      - Silver Hair (F. S. 279 J. H. B.)
      - Lily 2d (P. S. 268 J. H. B.)
  - Wilson's Beauty 27671..
    - Priceless 7495.....
      - Tisquantum (P. S. 262 J. H. B.)
      - Island Flower 15265.
    - Rosa B. 3d 14276.... ...
      - New Year's 4352.
      - Rosy B. 14266.

Ella of Briarcliff 68939.—Yield of milk, 201 lbs. 5 oz.; yield of butter, 14 lbs.; test made from May 13 to 20, 1893; age, 5 years and 1 month; estimated weight, 900 lbs.; fed during test, 15 qts. daily of a mixture of equal parts corn meal, ground oats and wheat bran—hay and green rye *ad lib.*; property of Walter W. Law, Whitson, N. Y.

- Ella of Briarcliff 68939.....
  - American Rioter 13363..
    - Pedro 3187.....
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Les Cateaux 22002 (F. S. 487 J. H. B.)
  - Etta of Briarcliff 68320..
    - Oxford Prince 14473....
      - Forget-me-not 6291.
      - Oxford Kate 13646.
    - Lady Ellafield 30947....
      - Lord Beaconsfield (P. S. 220 J. H. B.)
      - Ella.

Limited Pedro 56382.—Yield of milk, 259 lbs. 15 oz.; yield of butter, 14 lbs.; test made from May 11 to 18, 1892; age, 3 years and 3 months; estimated weight, 900 lbs.; fed during test, 6 qts. ground oats and 6 qts. corn meal daily, in two feeds—pasture, timothy, common grass and some white clover; property of George Fox, Torresdale, Pa.

- Limited Pedro 56382..
  - Young Pedro 2d 15011..
    - Young Pedro 9033.....
      - Pedro 3187.
      - Rioter Alphea 10091.
    - Amité 18877.....
      - Ramapo 4679.
      - Laitière 8121.
  - Miss Limited 37620.. .
    - Jack May 5549.....
      - Brother Jack 4042.
      - May Celestia 6048.
    - Lizzie R. 28252.....
      - Violet's Rex 7258.
      - Marie L. 22446.

Lorna of Maple Glens 48094.—Yield of milk, 242 lbs. 12 oz.; yield of butter, 14 lbs.; test made from June 2 to 9, 1891; age, 4 years and 8 months; estimated weight, 900 lbs.; fed 15 lbs. ground oats and 31½ lbs. corn meal during first three days, after that woodland pasture only; property of J. E. Gray, Youngstown, Ohio.

- Lorna of Maple Glens 48094.
  - Column 9622...
    - Buckeye 2255...
      - Major of Staatsburgh 679
      - Roxy 3286.
    - Gray Beauty 3d 19845...
      - Nerontes 9222.
      - Gray Beauty 16053.
  - Lorna 2d 33634...
    - Stiletto 8320...
      - Pedro 3187.
      - Shortia 11023.
    - Lorna 19016...
      - Lenape 2732.
      - Fairy 4th 4733.

Madge Berg 24165.—Yield of milk, 273 lbs. 12 oz.; yield of butter, 14 lbs.; test made from November 14 to 21, 1887; age, 4 years and 7 months; estimated weight, 900 lbs.; fed during test, 21 qts. corn and cob meal, 21 qts. middlings and 21 qts. shorts—no pasture; property of J. H. Walker, Worcester, Mass.

- Madge Berg 24165....
  - Bergen 5567...
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 2454.
    - Rachel Ray 1754. .. ...
      - Dolphin 2d 468, imp.
      - Helene 179.
  - Madge H. 14441...
    - Bismarck (Fairbanks') 1277...
      - Byron 279.
      - Sylvia 687.
    - Lady Gray Hayden 3512
      - Major Adams 1044.
      - Lady Lightfoot 2745.

Miss Montague 57927.—Yield of milk, 202 lbs. 4 oz.; yield of butter, 14 lbs.; test made from June 6 to 13, 1891; age, 2 years and 8 months; estimated weight, 700 lbs.; fed during test, 5 lbs. bran and 5 lbs. cotton-seed cake meal daily—timothy, clover and blue grass pasture; property of Bordwell & Cochran, Batavia, Ohio.

- Miss Montague 57927..
  - Lord Montague 12385...
    - Pedro 3187...
      - Domino of Darlington 2459.
      - Eurotas 2454.
    - Cretesia 13657...
      - Lord Dartmouth 6302.
      - Daisy Darling 6386.
  - Miss Loyal 40771...
    - Champion's Loyal 12673
      - Champion's Son 3286.
      - Mary of Bear Lake 6171.
    - Clarencia 3d 26835...
      - Champion's Son 3286.
      - Clarencia 3484.

Pertinette 70348.—Yield of milk, 196 lbs.; yield of butter, 14 lbs.; test made from July 22 to 29, 1891; age, 2 years and 3 months; estimated weight, 800 lbs.; fed during test, 8 lbs. corn meal, 4 lbs. ground oats, 4 lbs. wheat bran and 8 lbs. clover hay daily—white clover, orchard and blue grass pasture; property of Mrs. Kate D. Nicholson, Knoxville, Tenn.

- Pertinette 70348...
  - Kerchunkus 21111...
    - Oonan's Signal 11586...
      - Toltec 6831.
      - Œnone 8614.
    - Martha Lafayette 17158.
      - Lord Harry 3445.
      - Mary Garnet 10371.
  - Pertinaxia 28300...
    - Pertinax 1965...
      - Pertinatti 713.
      - Roxana 1761.
    - Daisy Burns 13773...
      - Pertinax 1965.
      - Cigarette 2849.

Toltec's Nan 70199.—Yield of milk, 194 lbs. 8 oz.; yield of butter, 14 lbs.; test made from May 19 to 26, 1893; age, 2 years and 7 months; estimated weight, 725 lbs.; fed during test, 14 lbs. corn-hearts, 4 lbs. cotton-seed meal and 2 lbs. cut sheaf oats daily, in two feeds—blue grass pasture; property of Campbell Brown, Spring Hill, Tenn.

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		Duchess of Bloomfield 4th 35584.....	Nancy's Rioter 8390.
			Duchess of Bloomfield 3653.
	Tormentor's Nan 42251.	Tormentor 3533.....	Khedive (P.S.103J.H.B.)
			Angela (F.S.1607J.H.B.)
		Rioter's Nan 31674.....	Nancy's Rioter 8390.
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WITH THEIR

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IN THIS VOLUME.

TESTS FOR SEVEN DAYS.

Albert W. 6355—Plymouth Chief 4152, Queen Ellen 13697—Sire of
Shanenalawn 56892 ..... 18 lbs. 5 oz.

Alfonso 3013—Signal 1170, Rosa Gamp 2732—Sire of
Cynthia A. 43721 ..... 20 lbs. 10 oz.

Allegany Chief 2918—Signal 1170, Corolla 4392—Sire of
Augustella 63018 ..... 14 lbs. 2 oz.

Allegany Signal 10178—Cattaraugus Chief 6026, Agapanthus 7174—Sire of
Signal's Ripple 27093 ..... 17 lbs. 5 oz.

Alpheus of Springvale 5645—Auchentoroly 3494, Canobie 6964—Sire of
Pride of Springvale 20093 ..... 19 lbs. 2 oz.
Southern Pet 26675 ..... 18 lbs. 8 oz.
Alma of Springvale 26951 ..... 16 lbs. 14 oz.

American Rioter 13363—Pedro 3187, Les Cateaux 22002—Sire of
Philena of Briarcliff 68938 ..... 15 lbs. 15½ oz.
Ella of Briarcliff 68939 ..... 14 lbs.

Arawana's Glory 8001—Reed's Farmer's Glory 5457, Arawana Fuchsia 9933—Sire of
Betsy's Glory 45604 ..... 14 lbs. 1 oz.

Augerez' King (F. S. 380 J. H. B.)—Sire of
Printonette 26121 ..... 14 lbs. 8 oz.

Azelda's Wanderer 12997—Wanderer 3014, Azelda 3872—Sire of
Wanderer's Shiloh 65942 ..... 15 lbs.
Azelda's Valhalla 45234 ..... 14 lbs. 5 oz.

Baron Hugo 15208—Baron of St. Lambert 5286, Stolen Kisses 16864—Sire of
Baroness Argyle 40498 ..... 18 lbs. 12 oz.
Jewel of Argyle 68752 ..... 18 lbs. 2 oz.
Cream's Pride 47570 ..... 17 lbs. 2 oz.
Dame Lofty 47567 ..... 15 lbs. 10 oz.
Duchess of Argyle 7th 47569 ..... 14 lbs. 8 oz.
Nan of Argyle 47561 ..... 14 lbs. 5 oz.

Baron Neptune 10090—Baron (P. S. 372 J. H. B.), Dora Neptune 20318—Sire of

Harriet Neptune 52344..... 18 lbs. 6½ oz.

Baron of St. Lambert 5286—Stoke Pogis 3d 2238, Favorite of St. Lambert 5118—Sire of

Pauline Hugo Pogis 37098..... 14 lbs. 14 oz.

Bay View Chief 23853—Chief 10663, Lottie B. 10039—Sire of

Lady of Bay View 66029..... 16 lbs. 12 oz.

Bellman's Boy 14003—Bellman 6968, Grinnell Lass 11859—Sire of

Ida Bellman 48273..... 17 lbs. 5½ oz.

Bergen 5567—Duke of Darlington 2460, Rachel Ray 1754—Sire of

Madge Berg 24165..... 14 lbs.

Bingo 2d 6749—Bingo 1811, Madge Livingston 6695—Sire of

Miss Bingo 80096..... 24 lbs. 12 oz.

Black Diamond V. 4970—Compeer 2367, Valhalla 5300—Sire of

Marion Hill 40777..... 15 lbs. 1 oz.

Bloomfield's Pogis 17209—Ida's Stoke Pogis 13658, Duchess of Bloomfield 3653—Sire of

Douskha 63439..... 15 lbs. 5¾ oz.

Bomba's Son 8372—Yellow Boy 6381, Bomba 10330—Sire of

Royal Bomba's Daisy 35996..... 21 lbs. 5½ oz.

Bombastic 9931—Prince of Darlington 5089, Emma Glen 6123—Sire of

Lynona 36240..... 16 lbs. 8 oz.

Bonnie's Polonius 10138—Polonius Rex 5735, Bonnie Fawn 6190—Sire of

Julia Tyre 45187..... 14 lbs. 6 oz.

Boss of the Cedars 17712—Bessus 13517, Rita of Andalusia 29414—Sire of

Pocia of Andalusia 62616..... 20 lbs. 15 oz.

Brie 6591—Oxoli 1922, Safrano 4568—Sire of

Lady Grace of Upholme 39569..... 18 lbs. 4 oz.

Broadsword 7149—Cyprian 6700, Allophane 5142—Sire of

Mulford's Lizzie Walker 50213..... 16 lbs. 5 oz.

Buffer's Hugo Pogis 15315—Pogis Victor Hugo 12291, Tustina 17068—Sire of

Mamie H. Pogis 57050..... 16 lbs. 14 oz.

Bunker 9025—Stoke Pogis 5th 5987, Sallie Bunker 1426—Sire of

Proctor's Alma Dolores 47107..... 23 lbs. 9 oz.
Proctor's Belle 47106..... 16 lbs. 4 oz.
Bunker's Utica Belle 38567..... 15 lbs. 15 oz.
Nellie Bunker 52163..... 14 lbs. 4 oz.

Butternut of Home Farm 6965—Pedro 3187, Filbert 3630—Sire of

Wyoming 48849..... 15 lbs. 5 oz.

Campbell's Rex 6812—John Rex 2761, Dahlia 401—Sire of

Dassa Argyle 21180..... 16 lbs. 14 oz.

Canada's John Bull 8388—Sir George of St. Lambert 6036, Nymph of St. Lambert 12968—Sire of

Cheerful of St. Lambert 2d 43745	22 lbs. 2 oz.
St. Lambert's Nancy 56503	18 lbs. 7 oz.
Lisgar's Rose 2d 56976	16 lbs. 11¼ oz.
St. Lambert's Duchess 56504	15 lbs. 7½ oz.

Canada's John Bull Jr. 15693—Canada's John Bull 8388, Oaklands Nora 14880—Sire of

Oaklands Nora 2d 45967	19 lbs. 1 oz.

Canada's John Bull 3d 17750—Canada's John Bull 8388, Crocus of St. Lambert 8351—Sire of

Pomona's Coquette 52832	14 lbs. 10 oz.

Canada's John Bull 5th 20092—Canada's John Bull 8388, Marianne Pogis 23008—Sire of

Marjoram of Glen Rouge 78420	17 lbs. 3 oz.
Nora of Glen Rouge 69452	16 lbs. 13 oz.
Nan of St. Lambert 69453	15 lbs. 9 oz.
Daffy of St. Lambert 69894	14 lbs. 7 oz.

Casta's Champion 11794—Champion's Son 3286, Casta Diva 8154—Sire of

Casta's Belle 56148	14 lbs. 15 oz.

Catono 3761—Sire on I. of J., Ona 7840—Sire of

Gladdis Roy 18566	17 lbs. 13½ oz.
Leurona 43271	14 lbs. 11 oz.
Rhoda Hudson 48723	14 lbs. 4 oz.

Catono Koffee 18716—Pedro of the Valley 8750, Euclona 2d 43562—Sire of

Pearl of Riverside 55659	17 lbs. 5½ oz.

Catonoson 9667—Catono 3761, Little Han 8004—Sire of

Nerviona 43678	14 lbs. 15 oz.

Cattaraugus Chief 6026—Allegany Chief 2918, Agapanthus 7174—Sire of

Susa Drew 38521	21 lbs. 1 oz.
Maud Drew 38522	17 lbs. 12 oz.

Champion Albert 6023—Champion of America 1567, Kitty Colt 2213—Sire of

Donnona's Nectarine 40033	16 lbs. 6 oz.
Countess Alberta 42922	14 lbs. 2 oz.

Champion of Kansas 4585—Champion of Indiana 3075, Garrene 7268—Sire of

Value Belle 33080	14 lbs. 3 oz.

Champion's Loyal 12673—Champion's Son 3286, Mary of Bear Lake 6171—Sire of

Martha Hall 2d 57901	14 lbs. 10 oz.
Kate Crecraft 40783	14 lbs. 6 oz.

Chatelaine's Dayton 5311—Dayton 1635, Chatelaine 1916—Sire of

Shiloh Daughter 20378	16 lbs. 7 oz.

Chief 10663—Mercury 432, Lady Love 2d 2212—Sire of

Chief's Charella 61999	23 lbs. 10½ oz.
Ellenetta of Bay View 48921	21 lbs. 11 oz.
Pride of Bay View 61997	16 lbs. 6 oz.
Chief's Fosie 61998	14 lbs. 11 oz.

Chief of the Miamis 2958—Signal 1170, Annie Lachaise 3961—Sire of

Signal Queen 30869..... 21 lbs. ½ oz.
Fadette Signal 39472..... 20 lbs. 14½ oz.
Jean Ingelow 42515..... 17 lbs. 7 oz.
Miamotto 48691..... 16 lbs.
Miaclara 48690..... 14 lbs. 8 oz.

Chippewa 5739—Marquis of Lossie 3512, Hebe Ross 8821—Sire of

Mocha's Pet's Rheta 37529..... 14 lbs. 2½ oz.

Chuffy Chief 17625—Allegany Chief 2918, Mooney's Beauty 18411—Sire of

Nienchen 48698..... 14 lbs. 4 oz.

Cicero 7657 (P. S. 266 J. H. B.)—Happy (P. S. 211 J. H. B.), Fleur De l'Air 12702—Sire of

Lady Longfield 23524..... 20 lbs. 13 oz.

Clara's Rioter Pogis 18317—Lily's Rioter 5989, Clara C. 17173—Sire of

Daisy of Denison 53137..... 15 lbs. 12 oz.

Clotaire 9884—Royal Oak 6219, Floribundus 2d 14949—Sire of

Cleodoxa 59311..... 22 lbs. 5 oz.
Clotaire's Beauty 28171..... 20 lbs. 4 oz.
Clotaire's Annie 58319..... 19 lbs. 11½ oz.
Clotaire's Daisy 45392..... 18 lbs.

Cobonon 15744—Coburn's Prize 6851, Mignonette of Grouville 7473—Sire of

Beech Grove Elsie 67758..... 14 lbs. 5½ oz.

Colonel Stoke Pogis 18756—Stoke Pogis 5th 5987, Nerissa of Nyack 9692—Sire of

The Colonel's Daughter 50230..... 15 lbs. 4½ oz.

Column 9622—Buckeye 2255, Gray Beauty 3d 19845—Sire of

Lorna of Maple Glens 48094..... 14 lbs.

Combination 4389—Polonius 2513, Lady Mel 429—Sire of

Commotion 52960..... 17 lbs. 6 oz.
Crusta 29637..... 16 lbs. 10 oz.
Oneida 42100..... 14 lbs. 2 oz.

Combination 2d 16957—Combination 4389, Goodbye 27366—Sire of

Miss Madrid 49419..... 14 lbs. 11 oz.

Combination 3d 17576—Combination 4389, Coma 29330—Sire of

Oneida 2d 43553..... 14 lbs. 14½ oz.

Compass 16958—Young Combination 14550, Paradise 32082—Sire of

Italica 58775..... 14 lbs. 4½ oz.

Concert 16499—Prize Noble 7321, May Zephyr 20793—Sire of

Sparkle 56775..... 17 lbs. 3 oz.

Conklin's Signal 11050—Signal Jupiter Chief 8704, Signal Jupiter Queen 18808—Sire of

Signora Signal 39396..... 15 lbs.

Coomassie's Gilderoy 14672—King Koffee 5522, Chrome Skin 2d 16158—Sire of

Lemon Spray 44532..... 15 lbs. 1½ oz.

Coventry Boy 5847—Duke of Mansfield 2277, Betty Bowen 9494—Sire of
Lulu of Riverside 19175..... 17 lbs.

Creamer's Sir George 8721—Sir George 7656, Creamer (F. S. 2040 J. H. B.) —Sire of
Lady White 29213..... 14 lbs. 14¾ oz.

Crocker 19563—Surcor 12000, Bongu 3672—Sire of
Girletta 61472..... 15 lbs. 14 oz.

Croton Maid's Duke 6658—Sweepstakes Duke 1905, Croton Maid 5305— Sire of
Lette Signal 26823..... 17 lbs. 2½ oz.
Lady Cloud 2d 26825..... 16 lbs. 12 oz.

Croton's Signal 17614—Signalda 4027, Croton Maid 5305—Sire of
Signal's Bijou 60800..... 15 lbs. 1½ oz.

Crystal 9324—Cloverine 3510, Chrissy 2d 7720—Sire of
Darling Pansy 44830..... 15 lbs. 1 oz.
Margaret of Lagonda 35127..... 14 lbs. 4 oz.

Dainty Boy 2955—Pierrot 636, Dainty 796—Sire of
Alabama 7690..... 15 lbs. 11 oz.

Daisy's Boss 24566—Boss of the Cedars 17712, Nero's Daisy 36452—Sire of
Pocia of Andalusia 2d 79548..... 21 lbs. 7½ oz.

Dalton 20117—Stoke Pogis 5th 5987, Annie Richmond 12608—Sire of
Vernon Dolly 52284..... 21 lbs.
Esclarmonde 59509..... 17 lbs. 4 oz.

Darling Scituate 7499—Duke of Scituate 3623, Duchess of Darlington 13830 —Sire of
Ella Rosewood's Daisy 32787..... 15 lbs.

Denise's Tormentor 11823—Tormentor 3533, Denise 8281—Sire of
Tormentor's Daisy 52496..... 20 lbs. 8½ oz.
Myrtlise 64006..... 19 lbs. 9 oz.
Tormentris 49659..... 18 lbs. 14½ oz.
Daisette 64004..... 17 lbs. 1 oz.

Dexter Montague 17294—Lord Montague 12385, Jerry Gipsy 16179—Sire of
Beauty Wynn 45482..... 14 lbs. 14½ oz.

Dexter of Jefferson 5681—Vermont 893, Clara 4th 1541—Sire of
Clara's Belle 16582..... 17 lbs. 9½ oz.
Kitty of Jefferson 2d 12313..... 14 lbs. 3 oz.

Diana's Rioter 10481—Sir George of St. Lambert 6036, Diana of St. Lambert 6636—Sire of
Letty Rioter 73475..... 20 lbs. 1 oz.
Pomona's Violetta Pogis 56246..... 16 lbs. 7 oz.
Vaniah of St. Lambert 71374..... 15 lbs.
Dinah Alexis 69345..... 14 lbs. 8 oz.

Diana's Stoke Pogis 13686—Diana's Rioter 10481, Diana of St. Lambert 6636—Sire of
Diana Doon 61539..... 15 lbs. 9 oz.

Dido's Duke 4678—Duke of Darlington 2460, Dido 1234—Sire of
Thorndale Belle 6th 44885..... 15 lbs.

Diploma 16219—Combination 4389, Frankie's Lass 24900—Sire of

Seraph 72217	18 lbs. 5 oz.
Onwa 59628	16 lbs. 5 oz.
Marissa 65285	16 lbs. 2 oz.
Itura 61090	14 lbs. 14 oz.
Merry Maiden 64949	14 lbs. 1 oz.

Dixie Prince 18379—Southern Prince 10760, Thekla of Clover Nook 33445—Sire of

Alice of Clovernook 77532	15 lbs. 3 oz.

Duffee 2083—Aldine 1136, Mollie Horton 1734—Sire of

Blossom's Niobe 13855	16 lbs. 7½ oz.

Duke of Darlington 2460—Sarpedon 930, Eurotas 2454—Sire of

Dolly's Daughter 31392	16 lbs.

Duke of Darlington 2d 6948—Duke of Darlington 2460, Euphrates 9778—Sire of

Coomassie Darlton 29519	16 lbs. 11 oz.

Duke of Ingleside 14274—Young Duke of Darlington 7231, Eveline of Jersey 6781—Sire of

Pride of Ingleside 54545	20 lbs. 4½ oz.
Gracie A. 54524	15 lbs. 4 oz.

Duke of Melrose 5185—Black Defiance 4014, Bonfanti 388—Sire of

Melrose's Perfection 28895	24 lbs. 12 oz.

Duke of Mona 10639—Winner 5572, Mona W. 11981—Sire of

Mona's Beauty 50041	15 lbs. 4 oz.

Duke of Ramsey's 6947—Duke of Darlington 2460, Anna Smith 10324—Sire of

Rosa Ramsey 25875	15 lbs. 1 oz.

Duke of St. Albans 11234—Stoke Pogis 3d 2238, Favorite of St. Lambert 5118—Sire of

St. Albans' Valentine 41707	22 lbs. 6 oz.

Duke of St. Lambert 16160—Baron of St. Lambert 5286, Charity of St. Lambert 6638—Sire of

St. L.'s Silken Les Cateaux 61964	21 lbs. 12 oz.
Katie of St. Lambert 54776	19 lbs. 7 oz.
St. Lambert's Kate 61975	16 lbs. 11 oz.
Minnie R. of St. Lambert 61965	16 lbs. 9 oz.
Duke of St. L.'s Vail's Pet 61970	14 lbs. 3 oz.

Duke of Springvale 4290—Date 2624, Maid of Amboy 2929—Sire of

Maggie of Springvale 15931	18 lbs. 5 oz.

Duke Thorne 7020—Dido's Duke 4678, Lodeska 10462—Sire of

Lenore H. 2d 29767	16 lbs. 3 oz.
Joy of Argyle 40495	15 lbs. 9 oz.
Charity of Argyle 35036	14 lbs. 10 oz.

Ellwood 13382—McHenry 5890, Delle 2d 17737—Sire of

Silver Delle 40691 ..... 18 lbs. 14½ oz.

Ely Fy 18244—Steletho 10505, Mary of Bear Lake 6171—Sire of

Ada Fy 45479 ..... 17 lbs. 4 oz.

Eupidee 4097—Duke of Darlington 2460, Leda 799—Sire of

Beauty Dee 18065 ..... 23 lbs. 3 oz.

Eurotas' Victor Hugo 15689—Victor Hugo Pogis 11256, Eurotas 2454—Sire of

Nutshell 2d 50962 ..... 19 lbs. 2 oz.
Robinella 63132 ..... 15 lbs. 14 oz.

Euroto Pogis Le Brocq 19503—Euroto Pogis 12434, Glory's Delight 17517—Sire of

Kaembe's Maud Eurota 91066 ..... 14 lbs. 2½ oz.

Exile of St. Lambert 13657—Bachelor of St. Lambert 4558, Allie of St. Lambert 24991—Sire of

Exile's Belle 40524 ..... 32 lbs. 6 oz.
Paola Stoke Pogis 34691 ..... 23 lbs.
Marilla of St. Lambert 31809 ..... 21 lbs. 13½ oz.
Yum Yum of St. Lambert 39152 ..... 21 lbs. 4 oz.
Exile's Dolly 67452 ..... 19 lbs. 7½ oz.
Exile's Bessie 49985 ..... 18 lbs. 12½ oz.
Lena Stoke Pogis 39756 ..... 18 lbs. 8 oz.
Jessie Stoke Pogis 37291 ..... 17 lbs. 2½ oz.
Exile's Anna 46881 ..... 16 lbs. 12 oz.
Pearl Pogis 38304 ..... 16 lbs. 10¾ oz.
Nutley St. Lambert 58469 ..... 16 lbs. 8 oz.
Exile's Lulu 49984 ..... 16 lbs. 2 oz.
Exile's Alphea 45393 ..... 15 lbs. 14½ oz.
Exile's Lady Angela 46882 ..... 15 lbs. 11 oz.
Jennie Stoke Pogis 32010 ..... 15 lbs. 10¾ oz.
Exile's Fawn 40979 ..... 15 lbs. 10 oz.
Otta of St. Lambert 49003 ..... 15 lbs. 8¾ oz.
Exile's Lucy 46883 ..... 15 lbs. 7¾ oz.
Exile's May 52765 ..... 15 lbs. 4¼ oz.
Mollie of St. Lambert 34644 ..... 15 lbs. 4 oz.
Exile's Effie 40526 ..... 15 lbs. 2 oz.
Exile's Onnalinda 65189 ..... 15 lbs. 1½ oz.
Bertha Stoke Pogis 35206 ..... 14 lbs. 15½ oz.
Ophi of St. Lambert 49004 ..... 14 lbs. 10½ oz.
Exile's Aggie 52764 ..... 14 lbs. 10¼ oz.
Exile's Dell 67533 ..... 14 lbs. 10¼ oz.
Exile's Lizzie 61477 ..... 14 lbs. 8½ oz.
Exile's Helen 61251 ..... 14 lbs. 4½ oz.
Exile's Arcadia 66201 ..... 14 lbs. 4¼ oz.
Bronzie of St. Lambert 49001 ..... 14 lbs. 3 oz.
Daisy-Seeker 43099 ..... 14 lbs. 1 oz.
Exile's Rosa 66552 ..... 14 lbs. ½ oz.

Exile of St. Lambert 2d 17131—Exile of St. Lambert 13657, Giulietta Cooke 32193—Sire of

Sapolio 61082 ..... 14 lbs. 6 oz.

Exile of St. Lambert 6th 17337—Exile of St. Lambert 13657, Early Rosette 32070—Sire of

Exile's Buttercup 60643 ..... 15 lbs. 4 oz.

Exile of St. Lambert 23d 20712—Exile of St. Lambert 13657, Cassia 2d 21370—Sire of

May Day 60451 ..... 16 lbs. 3½ oz.

Fancy's Harry 9777—Lord Harry 3445, Landseer's Fancy 2876—Sire of

Harry's Pet 52828 ..... 22 lbs. 11 oz.
Romping Lass 2d 51989 ..... 21 lbs. 12 oz.
Signal Mine 2d 60789 ..... 17 lbs. 9½ oz.
Sorina 42993 ..... 15 lbs. 11 oz.
Signet's Fancy 58446 ..... 14 lbs. 11 oz.
Harry's Signaline 82419 ..... 14 lbs. 8½ oz.
Harry's Fancy Belle 44764 ..... 14 lbs. 8 oz.
Fancy Phlox 49652 ..... 14 lbs. 3 oz.

Fancy's Landseer 12996—Beaconsfield 3416, Landseer's Fancy 2876—Sire of

Landseer's Content 56985 ..... 16 lbs. 8 oz.
Fancy's Pet 36013 ..... 16 lbs. 4 oz.

Fancy Toltec 21167—Fancy's Harry 9777, Creole Maid 2d 31881—Sire of

Dempsey's Beauty 62808 ..... 14 lbs. 6 oz.

Fayette Boy 4737—Fancy Leo 2728, Lady Pigot 2d 5798—Sire of

Lady Cloud 19358 ..... 27 lbs. 6 oz.

Garfield Stoke Pogis 15963—Exile of St. Lambert 13657, Mollie Garfield 12172—Sire of

Garella 62541 ..... 23 lbs.
Garfield's Princess 62544 ..... 22 lbs.
Princess Honoria 62548 ..... 16 lbs. 8 oz.
Countess Stoke Pogis 62540 ..... 16 lbs. 3 oz.
Lilley Rex Pogis 62545 ..... 14 lbs. 9 oz.
La Violette 2d 52604 ..... 14 lbs. 7 oz.
Lady Jane of St. Peter's 2d 62536 ..... 14 lbs. 5 oz.
Enfielda 62546 ..... 14 lbs. 2 oz.

Gen. U. S. Grant 14822—Sir Alpha 6378, Pollette 13895—Sire of

Minnie C. 2d 48414 ..... 16 lbs. 14 oz.

Georgia 10606—Count St. George 8403, Elda 22052—Sire of

Daisy of Dryden 77778 ..... 16 lbs. 4 oz.
Daisy Clementaise 77341 ..... 14 lbs. 5 oz.

Georgian 6073—Smoke Smith 4844, Optima 6715—Sire of

Signal's Lily Flagg 31035 ..... 27 lbs. 3½ oz.

Geranium's Chief 18607—Chief of the Miamis 2958, Geranium 2d 7838—Sire of

Chief's Queen 69967 ..... 20 lbs. 3 oz.
Jeannette Geranium 61023 ..... 14 lbs. 4 oz.

Geranium's Rajah 18605—Oonan's Rajah 8965, Geranium 2d 7838—Sire of

Grace's Pride 61018 ..... 15 lbs. 7 oz.

G. F. Train 18868—Chief 10663, Bertie Don 32071—Sire of

Etta of Bay View 66028 ..... 22 lbs. 13 oz.
Rosella of Bay View 66032 ..... 14 lbs. 14 oz.

Gilderoy 2107—Magnetic 1428, Jeanne Le Bas 2476—Sire of
- Lemon Twig 42028. ..... 17 lbs. 4 oz.
- Gilded Queen 42029.. ..... 14 lbs. 9½ oz.

Gipsy's Lorne Pogis 20346—Lord Lorne Pogis 14360, Gipsy's Pride 25290—Sire of
- Bess Pogis of Prospect 87045..... 16 lbs. 13½ oz.

Gold Basis 5th 15725—Gold Basis 4038, Bonnie Yost 7943—Sire of
- Gladdis Roy 2d 55652..... 18 lbs. 12 oz.
- Catono's Kate 59976..... 16 lbs. ½ oz.
- Jnne Sweets 59978..... 14 lbs. 8½ oz.

Gold Ridge 18951—Sir Raymond 8923, Queen Mary of Woodlawn 11659—Sire of
- Express 69574..... 18 lbs. 5 oz.

Grace's Duke of Darlington 8289—Duke of Darlington 2460, Grace Darlington 5574—Sire of
- Delight's Darling 45700..... 15 lbs. 8 oz.

Grand Duke Alexis 1040—Sire on I. of J., Victorine Lachaise 2740—Sire of
- Kitty Clover 2d 16099..... 14 lbs. 15 oz.
- Chrissy 3d 15615..... 14 lbs. 11 oz.

Greatorex 4218—Rex 1330, Maggie Johnson 4546—Sire of
- Minnie Rioter 21336..... 15 lbs. 10 oz.

Grey Friar 7627 (P. S. 338 J. H. B.)—Sir George 7656, Princesse (F. S. 1294 J. H. B.)—Sire of
- Grey Friar's Bess 25128..... 22 lbs.

Guy Mannering Pogis 16365—Stoke Pogis 5th 5987, Vanity Fair 4137—Sire of
- Pogis' May's Pride 58577..... 15 lbs. 2 oz.

Hilarious 7651—Footstep 5163, Hilda D 6683—Sire of
- Analysis 2d 55834..... 20 lbs. 7½ oz.
- Tower View Princess 2d 87452..... 17 lbs. 13½ oz.

Holyoke 8147—Eupidee 4097, Belle of Flanders 9949—Sire of
- Massey Polo 67010..... 22 lbs. 6 oz.
- Matina of Riverside 51783..... 20 lbs. 12 oz.

Hulee 18209—Tormentor 3533, Silicon 25577—Sire of
- Hazel Lee 76864..... 16 lbs. 1½ oz.

Ida of St. Lambert's Bull 19169—Stoke Pogis 5th 5987, Ida of St. Lambert 24990—Sire of
- Meridale Coquette 64535..... 17 lbs.
- Ida's Mysinda 64868..... 16 lbs. 11 oz.
- Queen of Pomona 56250..... 16 lbs. 6 oz.
- Ida's Alpha 64536..... 15 lbs. 10 oz.
- Meridale Oaklands Nora 64785..... 15 lbs. 1 oz.
- Ida's Rose of St. Lambert 71555..... 14 lbs. 15 oz.
- Nora Pogis 75345..... 14 lbs. 9 oz.
- Ida Mary Pogis 56126..... 14 lbs. 2 oz.
- Flower of Meridale 64537..... 14 lbs. 1 oz.

Ida's Rioter of St. L. 13656—Bachelor of St. Lambert 4558, Ida of St. Lambert 24990—Sire of

Daisy Hinman 61537	24 lbs. 10 oz.
Experience 62458	22 lbs. 13 oz.
St. Lambert's Crescent 39711	22 lbs. 10 oz.
Ida Eva Pogis 39271	18 lbs. 6 oz.
Ribbon of St. Lambert 39450	18 lbs. 2 oz.
Helpmeet 62459	17 lbs. 15½ oz.
The Queen's Gift 75186	17 lbs. 11 oz.
Friendship 62460	17 lbs. 3 oz.
Dew 62474	16 lbs. 7 oz.
Snow Bank 75184	16 lbs. 7 oz.
Rioter's Violet Pogis 75342	14 lbs. 15 oz.
Matilda of Meridale 57176	14 lbs. 14 oz.

Ida's Spot of St. L. 15442—Ida's Rioter of St. L. 13656, Spot's Cherie 14973—Sire of

Ida of Oakland 2d 72061	15 lbs. ½ oz.

Ida's Stoke Pogis 13658—Bachelor of St. Lambert 4558, Ida of St. Lambert 24990—Sire of

Mysinda 2d 42250	18 lbs. 8 oz.
Signodelle 2d 50067	17 lbs. 1½ oz.
Ida's Fawn 56018	16 lbs. 1½ oz.
Heritage 50077	15 lbs. 15 oz.
Daisy Brown 2d 87325	15 lbs. 10½ oz.
Hyacinth Pogis 56020	15 lbs. 6 oz.
Pogis' Ida May 50063	14 lbs. 11 oz.
Praxitella 50072	14 lbs. 4 oz.

Imperial 2d 5254—Imperial 505, Mary of Bear Lake 6171—Sire of

Imperial's Omega 2d 19664	14 lbs. 14 oz.

Jersey Boy Thalma 12511—Thalma 4288, Oaklands Cora 18853—Sire of

Lady Thalma 54701	14 lbs. 12 oz.

Jersey Express 5771—Brisk (F. S. 261 J. H. B.), Dam on I. of J.—Sire of

Dilwa 30515	15 lbs. 10 oz.

Jersey King 9458 (P. S. 345 J. H. B.)—Farmer's Glory 5196, Violet (F. S. 997 J. H. B.)—Sire of

Susie B. of Springvale 24986	17 lbs. 5 oz.

Jim (P. S. 346 J. H. B.)—Farmer's Glory (F. S. 274 J. H. B.), Russy (F. S. 2101 J. H. B.)—Sire of

Jim's Pride 31376	18 lbs. 3 oz.

John Rex 6th 4579—John Rex 2761, Dash 3060—Sire of

Jim's Glory 60527	14 lbs. 4 oz.

Johnson's Acme 3656—Sire on I. of J., Sylvie Haughton 8088—Sire of

Acme's Bonnie Bess 31509	14 lbs. 5 oz.

Jupiter Pogis 18192—Stoke Pogis 5th 5987, Juliet of St. Lambert 5483—Sire of

Signal's Ripple 4th 64862	16 lbs. 10¼ oz.
Justa Pogis 64863	14 lbs. 15¼ oz.

Kapper's Victor 12340—Kapper 2033, Albert's Clover 2900—Sire of

Moragina 26344	17 lbs. 3 oz.

Kathy's Stoke Pogis 17566—Ida's Stoke Pogis 13658, Kathy Torment 32910—Sire of

Coomassie Veda 55838	17 lbs. 3 oz.
Idlewild Pogis 80271	14 lbs. 11 oz.
Ernestina 2d 77682	14 lbs. 8 oz.

Kerchunkus 21111—Oonan's Signal 11586, Martha Lafayette 17158—Sire of

Pertinette 70348	14 lbs.

King Allie 14290—King of Ashantee 6677, Allie Minka 2d 18989—Sire of

Allie's Emblem 45620	20 lbs.
Allie's Leaf 45617	16 lbs. 3 oz.
Allie's Queen 45618	15 lbs. 2 oz.

King Coomassie 2d 19545—King Coomassie 9148, Koffee's Grisette 30433—Sire of

Bess of Edgewood 71178	20 lbs. 6 oz.
May of Edgewood 74825	18 lbs. 2 oz.
Dolly of Edgewood 83345	15 lbs. 4 oz.

King of Ashantee 6677—Fairfield 4733, Coomassie 11874—Sire of

Ashantee's Brunette 65946	16 lbs. 7 oz.
Lalla Rookh's Queen 65848	15 lbs. 10 oz.
Ashantee's Rosy 59258	14 lbs. 11 oz.

King of St. Lambert 15175—Ida's Rioter of St. L. 13656, Allie of St. Lambert 24991—Sire of

Pomona's May Day Pogis 56249	15 lbs. ½ oz.

King of St. Lambert 2d 17823—King of St. Lambert 15175, Miss May of St. Lambert 37084—Sire of

Melia Ann 2d's Pogis 68757	17 lbs. 1 oz.
Aurated Pogis 2d 65666	16 lbs. 6 oz.

King Peto 10541—Pedro 3187, Alice W. of Milton 12852—Sire of

Celia of Whitehall 68004	17 lbs. 15 oz.
Nelope Pedro 50879	15 lbs. 4 oz.
Empress Pedro 50878	15 lbs. 1 oz.

King Signal 12491—Signalda 2d 6748, Signalia 5303—Sire of

Beauty of Oakland 45009	17 lbs. 1 oz.

Ko Ko of St. Lambert 16527—Exile of St. Lambert 13657, Clotaire's Beauty 28171—Sire of

Young Floribundus 4th 59314	15 lbs. 14 oz.
Ko Ko's Allie 59317	15 lbs. 8¾ oz.

Landseer's Pogis 15847—Pogis Chief 3998, Landseer's Fancy 2876—Sire of

Landseer's Hilda 49788	17 lbs.
Temalema 2d 82411	16 lbs. 4 oz.
Wandrina 2d 82420	15 lbs. 9½ oz.
Pearl's Oonan 2d 86105	15 lbs. 1 oz.
Landseer's Pogene 85743	15 lbs.
Lucy Lee H. 58106	14 lbs. 15½ oz.
Harry's Fancy Belle 2d 82416	14 lbs. 12½ oz.
Fancy Wax 2d 83357	14 lbs. 5½ oz.
Fancy's Pet 2d 85913	14 lbs. 1 oz.
Kate Durwood 2d 82417	14 lbs. 1 oz.

Lanison 15283—Lord Dartmouth 6302, Lanice 13656—Sire of

Young Floribundus 3d 59312	19 lbs. 14¾ oz.
Princess Carmen 58320	16 lbs. 14 oz.
Lanison's Nora 59316	15 lbs. 6½ oz.
Lanison's Cora 59315	14 lbs. 14 oz.

L. D.'s Victor St. Helier 15286—Lord Darlington 7285, Pavon 12485—Sire of

Daisy Morrison 4th 46830	14 lbs. 11 oz.
Victor's Matilda 46834	14 lbs. 6 oz.

Lemon Peel's Duke (P. S. 479 J. H. B.)—Lemon Peel (P. S. 320, J. H. B.), Polly (P. S. 599 J. H. B.)—Sire of

Very Pretty 29184	15 lbs. 2 oz.

Lenape 2732—Vermont 893, Magna 2238—Sire of

Dorizella 20525	15 lbs. 7 oz.

Leonidas 3010—Signal 1170, Geranium 3963—Sire of

Sigleonella 70091	14 lbs. 8 oz.

Leonidas' Germ 14289—Leonidas 3010, Geranium 2d 7838—Sire of

Geranium Leaf 2d 56859	22 lbs. 7 oz.

Little Harry 8808—Lord Harry 3445, Clara Mowbray 11020—Sire of

Little Goldie 38671	34 lbs. 8½ oz.
Alteration 56436	24 lbs. ½ oz.
Helen Barry 55840	18 lbs. 7 oz.
Mette D. 47433	14 lbs. 12 oz.
Frushia Wilson 47432	14 lbs. 4½ oz.

Little Tormentor 17995—Tormentor 3533, Méprise 4898—Sire of

Mattie Tormentor 62841	15 lbs. 14½ oz.
Little Mistiss 62849	14 lbs. 3 oz.

Lord Darlington 7285—Duke of Darlington 2460, Marjoram 3239—Sire of

L. D.'s Melia 29087	20 lbs. 6 oz.
Matilda 6th 39290	20 lbs. 1 oz.
Melia Ann 2d 47464	18 lbs. 6 oz.
Gilt Lady 2d 33969	14 lbs. 7 oz.

Lord Fife 5148—Jack Frost of St. Lambert 2419, Empress Carlotta 10921—Sire of

Lord Fife's Joliette 30591	16 lbs. 2 oz.

Lord Harry 3445—Top-Sawyer 1404, Duchess of Bloomfield 3653—Sire of

Peasant 65401	21 lbs. 15½ oz.
Violet Denison 49997	14 lbs. 13½ oz.

Lord Hugo 15830—Louis of St. Lambert 11013, Laura of St. Lambert 31116—Sire of

High Spirits of Lawn 61371	18 lbs. 7 oz.

Lord Lisgar 1066—Victor Hugo 197, Pauline 494—Sire of

Bijou of St. Lambert 5112	15 lbs. 4 oz.

Lord Montague 12385—Pedro 3187, Cretesia 13657—Sire of

Kate Crecraft 2d 75461	18 lbs. 3 oz.
Silver Montague 45475	16 lbs. 10 oz.
Joan Montague 40787	16 lbs. 1 oz.
Mildred Montague 45476	15 lbs. 5½ oz.
Minnie Montague 45474	15 lbs. 5½ oz.
Miss Montagne 57927	14 lbs.

Louis of Highland 4854—Louis 450, Martha of Highland 5320—Sire of
Daisy of Sunnyside 16338..... 15 lbs. 1 oz.

Louis of St. Lambert 11013—Sheldon 5250, Mavourneen of St. Lambert 9777—Sire of
Louise Obella 37060..... 17 lbs. 12 oz.
Gem's Louisa 39564..... 17 lbs.

McHenry 5890—Lord Charlton 5463, Delle 3789—Sire of
Cream Caroline 17357..... 16 lbs. 2 oz.

Majestic Pedro 8043—Pedro 3187, Susie Burnett 11306—Sire of
Rita of Andalusia 29414..... 24 lbs. 1 oz.

Manchester's Prospect 2817—Pierrot 5th 1665, Olie 4133—Sire of
Auraria 10688..... 15 lbs. 10 oz.

Marjoram's Stoke Pogis 17203—Pogis Chief 3998, Marjoram 3239—Sire of
Maid of Tanglewood 51606..... 16 lbs.

Marquis of Lossie 3512—Litchfield 674, Victoria Guelph 3898—Sire of
Lalla Rookh of Sugar Grove 15882..... 18 lbs. 9 oz.

Matilda 4th's Son 20214—Ida's Rioter of St. L. 13656, Matilda 4th 12816—Sire of
Point Lace 62471..... 17 lbs. 8 oz.
Ribbon's Matilda 66109..... 16 lbs. 4 oz.
Matilda's Matilda 75348..... 14 lbs. 6 oz.
Matilda Hilda 75346..... 14 lbs. 4 oz.
Kitty's Matilda 75349..... 14 lbs. 3 oz.

Maximum Rioter 18539—Stoke Pogis Jr. 15300, La Petite Mère 3d 12814—Sire of
Lady Pedrona 63173..... 14 lbs. 9 oz.

Meg's Lord Bronx 11537—Lord Bronx 2d 1730, Meg Mitchell 4187—Sire of
Bronx Clover Blossom 38676..... 15 lbs. 2½ oz.

Melia Ann's Victor Pogis 20697—Lucy's Stoke Pogis 11544, Melia Ann 2d 47464—Sire of
Spot Victor Pogis 85901..... 17 lbs. 3 oz.
Lillie Victor Pogis 85471..... 14 lbs. 4 oz.

Menephtah 18943—Exile of St. Lambert 13657, Frau Cloud 31688—Sire of
Tuäa St. Lambert 59992..... 17 lbs. 7½ oz.

Méprise's Tormentor 11554—Tormentor 3533, Méprise 4898—Sire of
Méprise Bloomfield 50062..... 14 lbs. 14 oz.

Michael Angelo 10116—Black Prince of Hanover 2873, Eurotas 2454—Sire of
Fashion Plate 62457..... 15 lbs. 10½ oz.

Ned Dean 5387—Ned Ives 3631, Little Han 8004—Sire of
Tilda Ives 17707..... 15 lbs.

Nihilist of St. Lambert 18256—Canada's John Bull Jr. 15693, Canada's John's Bijou 36679—Sire of
Lemon's Flossie 71214..... 14 lbs. 1¾ oz.

Noble 901—Sire on I. of J., Fanny of Babylon 2345—Sire of
Queen of Clinton 11500..... 15 lbs. 8 oz.

Noble Cicero 13562—Young Cicero 7660, Glory of Elmarch 21521—Sire of
Rowena of Elm Spring 54613..... 14 lbs. 4 oz.

Noble of Sidney 5369—Noble 901, Maggie of Sidney 11489—Sire of
Ida of Clinton 25419..... 15 lbs. 14 oz.

Nora's Longfellow 7427—Longfellow of Sugar Grove Herd 4947, Nora Ogden 8597—Sire of
Maud of Maple View 39511..... 23 lbs. 7½ oz.

Norton 31941—Remarkable 7662, Pet's Albert 18622—Sire of
Sadie R. 3d 83729..... 15 lbs. 14 oz.

Nutley Duke 10706—Duke of Darlington 2460, Nutley Theodora 13583—Sire of
Sadie's Delight 53392..... 14 lbs. 12 oz.

Odelio 20223—Ida's Stoke Pogis 13658, Odelle Sales 15564—Sire of
Tormendova 74885..... 16 lbs. 8 oz.

O'Malley 6441—St. Helier 45, Moss Ross of Willow Farm 5194—Sire of
Cinxia St. Helier 4673)..... 17 lbs. 9 oz.

Ona's Koffee 9745—King Koffee 5522, Ona 7840—Sire of
May Koffee 45862..... 15 lbs. 5½ oz.

One Hundred per Cent. 16590—Stoke Pogis 5th 5987, Leclair's Marjoram 36355—Sire of
Heiress of St. Lambert 56507..... 16 lbs. 13½ oz.

Oonan's Pogis 17165—Ida's Stoke Pogis 13658, Oonan 1485—Sire of
Oonamistle 64469..... 15 lbs. 4 oz.

Oonan's Rajah 8965—Lord Harry 3445, Oonan 1485—Sire of
Oonan's Jeannette 45616..... 20 lbs. 3 oz.
Même 34921..... 18 lbs. 4 oz.

Oonan's Tormentor 22280—Tormentor 3533, Oonan 1485—Sire of
Oonan of Riverside 69773..... 14 lbs. 9½ oz.

Osiris of Fernwood 16078—Osiris 12189, Magnet's Lass 26098—Sire of
Marcia G. 53211..... 14 lbs. 11 oz.

Othick Pedro 20511—King Peto 10541, Maud Westfield 17555—Sire of
Calla Europa 77810..... 15 lbs. 4 oz.

Pascarrelle 16603—Douglass' Knox 8975, Erema 3d 14197—Sire of
Blanche of Castile 43793..... 22 lbs. 1½ oz.

Pauline's Stoke Pogis 11859—Stoke Pogis 5th 5987, Pauline 3d 8296—Sire of
Katy Signal 2d 44673..... 16 lbs. 8 oz.
Rescue of St. Lambert 48939..... 16 lbs. 8 oz.

Pedro of the Valley 8750—Catono 3761, Rosabel Hudson 5704—Sire of
Birdsey's Surprise 48326..... 14 lbs. 2 oz.

Perrot (P. S. 342 J. H. B.)—Bobby (P. S. 208 J. H. B.), Royal Beauty (P. S. 390 J. H. B.)—Sire of
Miss Nellie Parker 24988..... 23 lbs. 11 oz.
Sylvia Perrot 80963..... 16 lbs. ½ oz.

Pickwick 2d 8915—Pickwick 3985, Princess of Mansfield 8070—Sire of
Jonquil of Bingo Farm 41786..... 19 lbs. 3 oz.

Pogis' Bocm 18295—Prince of Melrose 2d 11015, Pride of Springvale 20093—Sire of
Corinne of St. Lambert 76579..... 15 lbs. 10 oz.

Pompus 2881—Ranger 1231, Pet of Maplewood Farm 4854—Sire of

Bristol Bella 15697	14 lbs. 7 oz.

Pride of New York 19787—Pride of the Island 5416, Pride's Lady Leonora 32217—Sire of

Martha D. 66641	17 lbs. 2 oz.

Pride of the Island 5416, imp.—Sire of

Pride's Lady Sarah 39537	15 lbs. 1½ oz.
Pride's Lady Rushmore 35182	15 lbs. 1 oz.
Pride's Lady Lillie 35181	15 lbs. ¾ oz.

Prince Boulivot 8757—Governor (P. S. 138 J. H. B.), Dam on I. of J.—Sire of

Princess Minette 24042	18 lbs. 6½ oz.

Prince Jeannaise 17074—L'Allegro 7127, Pilot's St. Jeannaise 25089—Sire of

Princess Jeannaise 53863	15 lbs. 12 oz.

Prince of Avon 17544—Garenne's Cicero 11596, Silver Venus 20270—Sire of

Baby Princess 57493	14 lbs.

Prince of Darlington 5089—Duke of Darlington 2460, Beauty of Darlington 5736—Sire of

Niobomba 26456	14 lbs. 15 oz.

Prince of Melrose 4819—Stoke Pogis 3d 2238, Princess of St. Lambert 5484—Sire of

Busy Melrose 54456	21 lbs. 1¼ oz.
Belle Melrose 61920	17 lbs. 1½ oz.
Corinne Melrose 54455	16 lbs. 14 oz.
Fleeter 61921	16 lbs. 13½ oz.
Fleecy Princess 40342	16 lbs. 11½ oz.
Melrose Milly 61917	16 lbs. 2½ oz.
Fall Leaf's Heiress 54454	16 lbs. 2 oz.
Saucy Princess 40350	15 lbs. 11 oz.
Sunny Pogis 61919	15 lbs. 3½ oz.

Prince of Melrose 2d 11015—Prince of Melrose 4819, Princess of St. Lambert 5484—Sire of

Hugo's Joie de Vie 40372	24 lbs. 5 oz.
Lady Alice Pogis 30273	22 lbs. 8 oz.
Pogis' Dewdrop 40373	19 lbs. 12½ oz.
Victor Hugo's Maggie 30274	18 lbs. 14 oz.
Angelina Pogis 40367	18 lbs. 13 oz.
Imogene Pogis 44967	18 lbs. 13 oz.
Gipsy Pogis 35422	18 lbs. 7 oz.
Litta Pogis 30275	18 lbs. 6 oz.
Alberta Hugo 35424	17 lbs. 9 oz.
Jessie Lee Pogis 44969	17 lbs. 4 oz.
Pomona Pogis 40371	17 lbs. 2½ oz.
Christina Pogis 35426	17 lbs. 2 oz.
Lotta Pogis 40368	16 lbs. 11 oz.
Nannie Pogis 53786	16 lbs. 11 oz.
Susie Pogis 35425	16 lbs. 9 oz.
Katie Putnam 40366	16 lbs. 4 oz.
Hermosa Pogis 40369	16 lbs. 3½ oz.
Zenobia Pogis 35421	15 lbs. 10 oz.
Eppie Pogis 44972	15 lbs. 6 oz.

Prince Pogis 10682—Middlefield Boy 1331, Mary Anne of St. Lambert 9770—Sire of

No Chemicals 71452..... 16 lbs. 9 oz.
Mrs. Jack 50805..... 15 lbs. 5 oz.

Prince Pogis' Hugo 15660—Prince Pogis 10682, Rosette of St. Lambert 5108—Sire of

Tritoma Pogis 44952..... 16 lbs. 13 oz.
Princess Edith Hugo 45120..... 15 lbs. 14½ oz.

Rayon d'Or 7516—Farmer's Glory 5196, Coomassie 11874—Sire of

Jetty d'Or 39845..... 15 lbs. 2 oz.

Rex of Jersey 12878—Lemon's Rex 5458, Annie Grey 11712—Sire of

Countess Hebe 2d 45899..... 14 lbs. 3 oz.

Rienzi of Winnikee 18948—Pedro 3187, Darlington Scituate 12493—Sire of

Temisia of Winnikee 46604..... 15 lbs. 3½ oz.

Rioter of Rocky Farm 18183—Earl Rioter 10715, Lilium Excelsum 24945—Sire of

Lilium Excelsum 2d 66040..... 14 lbs. 5 oz.

Rioter's Combination 10363—Stoke Pogis 3d 2238, Pride of Windsor 483—Sire of

Cleora of Cornwall 63408..... 18 lbs. 8 oz.
Careta Pogis 42784..... 15 lbs. 1¼ oz.
Calma of Briarcliff 52599..... 14 lbs. 7½ oz.

Rioter's Victory 16446—Ida's Rioter of St. L. 13656, That Lass o' Lowrie's 9128—Sire of

Ella Europa 61062..... 14 lbs. 15½ oz.

Romp's Torment 8789—Tormentor 3533, Romp Ogden 3d 5458—Sire of

Romp's Nervilette 72282..... 17 lbs. 10 oz.
Mayhegtal 64454..... 16 lbs. 3 oz.
Nelly Torment 61903..... 15 lbs. 7 oz.

Romp's Tormentor 7126—Tormentor 3533, Romp Ogden 3d 5458—Sire of

Foolish 64069..... 17 lbs. ½ oz.
Marno B. 56368..... 16 lbs. 10 oz.
Belle of Rydal Grange 41787..... 16 lbs. 6 oz.

Rubano 8806—Sir George of St. Lambert 6036, Nina of St. Lambert 12963—Sire of

Rubano's Valentine 54703..... 20 lbs. 3 oz.

Ruby's Harry 15664—Fancy's Harry 9777, Ruby Torment 32989—Sire of

Early Morn 50661..... 14 lbs. 12 oz.

Ruby's Star of St. Lambert 20719—King of St. Lambert 15175, Ruby St. L. 34751—Sire of

Clover of St. Lambert 60945..... 16 lbs. 14¼ oz.
Star's Valentine 81778..... 16 lbs. 2 oz.
Ruby's Valentine 81780..... 14 lbs. 7 oz.

St. Lambert Boy 17408—Canada's John Bull 8388, Oaklands Nora 14880—Sire of

Lamba 79039..... 20 lbs. 3 oz.

St. Lambert's Hugo 17457—Brier's Pogis 14163, Queenie Hugo 27748—Sire of

Coming Girl 3d 71794..... 17 lbs. 14 oz.

St. Lambert's John Bull 16618—Canada's John Bull 8388, Mavourneen of St. Lambert 9777—Sire of

Nellie Hugo 53793..... 20 lbs.
Pogis' Twi ight 53794..... 19 lbs. 1 oz.
Hugo's Golden Sheen 61804..... 17 lbs. 9 oz.
Amelia Pogis 53796..... 16 lbs. 14 oz.
Señorita Pogis 53791..... 16 lbs.
Aurora Pogis 53798..... 15 lbs. 9 oz.

Seneca Chief 4098—Lord Shaftesbury 2499, May Blossom 5657—Sire of

Seneca's Mocha 23355..... 20 lbs. 3 oz.

Sig 9528—Sir Signal 3018, Adora 18569—Sire of

Sig Eurota 64898..... 15 lbs. 1½ oz.

Signalda's Torment 14673—Signalda 4027, Odelle Sales 15564—Sire of

Annabel Lee 55833..... 22 lbs. 3 oz.
Signilla M. 55839..... 21 lbs. 4 oz.
Shelta F. 56437..... 20 lbs. ½ oz.
Jennie Fordyce 57169..... 15 lbs. 5½ oz.
Chump 81289..... 14 lbs. 13 oz.
Signola M. 76122..... 14 lbs. 10 oz.
Jessie Wilson 76121..... 14 lbs. 8 oz.
Analysis 3d 82870..... 14 lbs. 1 oz.

Signal Duke 12661—Croton Maid's Duke 6658, Fanny Taylor 6714—Sire of

Hallie Signal 61726..... 18 lbs. 12 oz.
Nettie Signal 37837..... 18 lbs. 8 oz.

Signal Duke of Alfred 11927—Red Cloudlet 7560, Gardiner's Thistle 11338—Sire of

Susa's Darling 44915..... 15 lbs. 12 oz.
Signal Duke's Creamer 60812..... 14 lbs. 7 oz.

Signal Jr. 7166—Signal 1170, Alda 3873—Sire of

Tancreda Signal 27789..... 21 lbs. 8½ oz.
Signalona 72105..... 14 lbs. 3 oz.

Signal Lad 12199—Signal Jr. 7166, Rhoda 2d 16097—Sire of

Cordelia Signal 3d 57808..... 17 lbs. 8 oz.

Signal's Laddie 11100—Chief of the Miamis 2958, Goldie C. 8104—Sire of

Yum Yum Signal 40688..... 16 lbs. 7 oz.

Signally Signal 8875—Signalda 4027, Aldarine 5301—Sire of

Zélie de Lussan 48681..... 20 lbs. 7 oz.

Silver Duke 7125—Lord Ducie 2500, Silver Rose 4753—Sire of

Thornleaf 39969..... 15 lbs. 12 oz.
Katie Herr 39970..... 15 lbs. 8½ oz.

Sir Pedro Pogis 16010—Rioter's Combination 10363, Anecdote 12119—Sire of

Kitty Kringel 57120..... 16 lbs. 8 oz.

Sir Signal 3018—Signal 1170, Rhoda 1102—Sire of

Corinne Moore 35748..... 19 lbs. 8 oz.

Sitanda 20221—Signalda 4027, Mary Jane of Belle Vue 6956—Sire of
Cara Mia 64224..... 15 lbs. 9¼ oz.

Snedens 4882—Ash Bud 3317, Edie 2001—Sire of
Mona's Mab 31524..... 15 lbs. 7 oz.

Southern Prince 10760—Forget-me-not 6291, Oxford Kate 13646—Sire of
Princess Malita 66676..... 20 lbs. 8¾ oz.
Sœurette 52256..... 17 lbs. 4¾ oz.

Southville Boy 4271—Major Domo 2161, Drina W. 6900—Sire of
Nuna 18669..... 21 lbs.

Squire Deerfoot 7835—Vanantrim 7391, Daisy of Deerfoot 3d 4932—Sire of
Felsticea 17033..... 16 lbs. 3 oz.

Stand Point 7th 7929—Stand Point 4508, Belmeda 6229—Sire of
Lady Woodbine 26803..... 14 lbs. 2 oz.

Statesman Jr. 7328—Statesman 2407, Baxter's Nankeen 7593—Sire of
Rosa of Frisby Hill 36080..... 16 lbs. 3¼ oz.

Steletho 10505—Dudley 3999, Dot of Bear Lake 6170—Sire of
Silver Steletho 40765..... 18 lbs. ½ oz.
Mary's Pet 40772..... 15 lbs. 7½ oz.
Dot of Rocky Ford 40763..... 15 lbs. 1 oz.

Stockholder 2d 15616—Stockholder 7214, Rose of Glynllyn 14037—Sire of
Daisy Delafield 59230..... 20 lbs. 11 oz.

Stoke Pogis 3d 2238—Stoke Pogis 1259, Marjoram 3239—Sire of
Kitty of St. Lambert 6637..... 16 lbs. 11 oz.

Stoke Pogis 5th 5987—Stoke Pogis 1259, Marjoram 3239—Sire of
Sister of Charity 62453..... 24 lbs. 14½ oz.
Pretty Patty 44108..... 19 lbs. 1 oz.
Pauletta Pogis 39273..... 17 lbs. 12 oz.
Mary M. Pogis 32455..... 16 lbs. 4½ oz.
Candelabrum 75187..... 14 lbs. 14½ oz.
Pomona's Ida of St. L. 59565..... 14 lbs. 14½ oz.

Stoke Pogis Jr. 15300—Stoke Pogis 1259, Matilda 2d 5471—Sire of
Matilda of Maplewood 49723..... 14 lbs. 15 oz.

Stoke Pogis Prince 11005—King Rioter 6075, Dreadnaught's Pride 13539—Sire of
Desda Pogis 58344..... 14 lbs. 7½ oz.

Stoke Pogis Trio 15448—Stoke Pogis Prince 11005, Pride of Vernon 21067—Sire of
Miss Clifford 3d 63360..... 15 lbs. 2½ oz.
Miss Clifford 5th 63364..... 14 lbs. 7 oz.

Sultan Chief 3216—Indian 1721, Evabel 5251—Sire of
Chief's Malita 25186..... 16 lbs. 8½ oz.

Sumach 5249—Lorne 5248, Pet of St. Lambert 5123—Sire of
Dolly Bond 82662..... 18 lbs. 3 oz.

Surpry 2d (P. S. 459 J. H. B.)—Royal Orange Peel 14355, Angelica 2d (P. S. 427 J. H. B.)—Sire of
Analysis 29162..... 16 lbs. 8 oz.

Tamy's Rioter 15288—Lord Darlington 7285, Tamy 3d 7127—Sire of

Olga H. 60619..... 15 lbs. 4 oz.
Leonetta H. 67514..... 15 lbs. 1½ oz.

Taureau d'Or 11743—Rayon d'Or 7516, Young Lady 16660—Sire of

Jetty d'Or 2d 62403..... 17 lbs. 1 oz.

Tennessee's Landseer 23015—Landseer's Pogis 15847, Fancy Wax 37159—Sire of

Emma Landseer 2d 69220..... 14 lbs. 2¾ oz.

Texas Wanderer 14453—Wanderer 3014, Mayonnaise of Belle Vue 12110—Sire of

Talaney 69361..... 15 lbs. 3 oz.

Theron 5722—Rubicon 1202, Lady Sarah 4931—Sire of

Young Floribundus 28172..... 17 lbs. 12¾ oz.

Thotmes 17157—Minnie's Duke of Darlington 6934, Boulivot 24429—Sire of

Tuäa Perrot 46357..... 19 lbs. 5½ oz.

Toltec's Prince 21961—Toltec 6831, Duchess of Bloomfield 4th 35584—Sire of

Toltec's Nan 70199..... 14 lbs.

Tormentor 3533 (F. S. 259 J. H. B.)—Khedive (P. S. 103 J. H. B.), Angela (F. S. 1607 J. H. B.)—Sire of

Pinkey Spry 18316..... 16 lbs. 12 oz.
Sasanda 50075..... 16 lbs. 4 oz.
Chenda 3d 43246..... 15 lbs. 7 oz.
Tortilla 55528..... 15 lbs. 3 oz.
Narda 38012..... 15 lbs. 1 oz.
Tormentor's Su Lu 54943..... 14 lbs. 13 oz.

Tormentor 5th 21962—Tormentor 3533, Duchess of Bloomfield 3653—Sire of

Tomassee 76875..... 14 lbs. 12½ oz.

Tormentor 7th 22911—Tormentor 3533, Carrie Lena 3d 20077—Sire of

Torlona 76872..... 14 lbs. 2 oz.

Tormentor Stoke Pogis 20485—Tormentor 3533, La Petite Belle 12807—Sire of

Tormentor's Browny 73079..... 14 lbs. 14 oz.
Blanche Duncan 2d 73333..... 14 lbs. 11¾ oz.

Torpedo 8671—Mercury 432, Torfrida 3596—Sire of

Sayda M. 46195..... 22 lbs. 11½ oz.

Trailer 7160—Duke of Darlington 2460, Nellie Darlington 5956—Sire of

Xarifina 34176..... 14 lbs. 9 oz.

Tuscarora of Clermont 7232—Harold of Jersey 2864, Daisy of Clermont 3492—Sire of

Gipsy's Pride 2d 29365..... 27 lbs. 12 oz.

Upright 6147—Boton 4328, Symbol 6136—Sire of

Caressa 88474..... 17 lbs. 6 oz.
Treasure 79200..... 17 lbs. 5 oz.
Calcium 79733..... 16 lbs. 15 oz.
Paradox 65003..... 16 lbs. 9 oz.
Daretta 62579..... 16 lbs. 8 oz.

Velpeau 2146—Cavalier 1513, Fantibel 2679—Sire of
Lilium Excelsum 24945..... 17 lbs. ½ oz.

Victor F. W. 16548—Victor's King 12678, Rosa F. W. 13226—Sire of
Victor's Lady 52691..... 15 lbs. 14 oz.

Victor's King 12678—Lord Darlington 7285, Countess of Lakeside 12135—Sire of
V. K.'s May 41929..... 14 lbs. 8 oz.

Vigo King 19238—King Signal 12491, Pandothra 22383—Sire of
Vigo Princess 60806..... 18 lbs.

Volco 7890—Solid Duke of Framingham 5353, Caltharine 13679—Sire of
Brown Bessie 74997..... 20 lbs. 8 oz.

Wanderer 3014—Signal 1170, Cosette 3874—Sire of
Aldarine 3d 27482..... 28 lbs. 1 oz.
Sedate 11119..... 18 lbs. 13 oz.

Weston 6285—Fairfield 4733, Nancy Lee 7618—Sire of
Howland Nightingale 33291..... 14 lbs. 1 oz.

Wosie 6802—Thuji 5281, Junon 11269—Sire of
Patty Polonius 3d 38677..... 16 lbs. 10 oz.

Yakout 6842—Ori 4286, Zithey 9184—Sire of
Sudie St. Helier 40235..... 18 lbs. 9 oz.

Yankee Stoke Pogis 15904—Exile of St. Lambert 13657, Cassia 2d 21370—Sire of
Fulda Stoke Pogis 44992..... 15 lbs. 8 oz.

Young Garenne's Duke 6863—Cicero 7657, Young Garenne 13641—Sire of
Khelula of Briarcliff 46799..... 18 lbs. 2½ oz.

Young Neptune 17656—Baron Neptune 10090, Dora Neptune 20318—Sire of
Jane Neptune 52345..... 19 lbs. 4½ oz.

Young Pedro 9033—Pedro 3187, Rioter Alphea 10091—Sire of
Pedronina 34803..... 21 lbs. 3 oz.
Dicta 55221..... 20 lbs. 9 oz.
Riotress 3d 63166..... 17 lbs. 3½ oz.
Young Lass 7471..... 17 lbs. 3½ oz.
Patona 55117..... 16 lbs. 14½ oz.
Beauty of Hamilton 55827..... 15 lbs. 15 oz.
Fanella 2d 64578..... 15 lbs. 6 oz.
Howdy 55119..... 15 lbs. 3½ oz.

Young Pedro 2d 15011—Young Pedro 9033, Amité 18877—Sire of
Limited Pedro 56382..... 21 lbs. 7 oz.
Butterstamp Pedro 56383..... 14 lbs. 8 oz.

Zalma's Mercury 6983—Mercury 432, Zalma 8778—Sire of
Lula M. 32643..... 15 lbs. 6 oz.

LIST OF DAMS

WITH THEIR

TESTED DAUGHTERS

IN THIS VOLUME.

TESTS FOR SEVEN DAYS.

Abbie Z. 4th 14743—Southville 6769, Abbie Z. 14002—Dam of
Nuna 18669..... 21 lbs.

Aggie of St. Lambert 37085—Rubano 8806, Polly of St. Lambert 28665—Dam of
Exile's Aggie 52764..... 14 lbs. 10¼ oz.

Alabama 7690—Dainty Boy 2955, Ruby 787—Dam of
Pride of Springvale 20093..... 19 lbs. 2 oz.
Christina Pogis 35426..... 17 lbs. 2 oz.
Alma of Springvale 26951..... 16 lbs. 14 oz.
Aurora Pogis 53798..... 15 lbs. 9 oz.

Aldarine 5301—Signal 1170, Alda 3873—Dam of
Aldarine 3d 27482..... 28 lbs. 1 oz.

Alice Brand 17836—Pouch of Gold 4121, Alice H. 9286—Dam of
Little Goldie 38671..... 34 lbs. 8½ oz.

Allie L. 32073—Rex Blossom 9379, Ellenetta 9446—Dam of
Pride of Bay View 61997..... 16 lbs. 6 oz.

Allie's Queen 45618—King Allie 14290, Fairy Queen of St. Brelade's 7464—Dam of
Chief's Queen 69967..... 20 lbs. 3 oz.

Alma of Springvale 26951—Alpheus of Springvale 5645, Alabama 7690—Dam of
Lotta Pogis 40368..... 16 lbs. 11 oz.

Alphea Rajah 20605—Topris 4135, Martha M. 10867—Dam of
Clotaire's Daisy 45392..... 18 lbs.

Amber of Cottage Grove 14225—Bazoo 3d 6550, Miss Grundy 8174—Dam of
Shiloh Daughter 20378..... 16 lbs. 7 oz.

Analysis 29162—Surpry 2d (P. S. 459 J. H. B.), Ava (F. S. 6217 J. H. B.)—Dam of
Alteration 56436..... 24 lbs. ½ oz.
Analysis 2d 55834..... 20 lbs. 7½ oz.
Analysis 3d 82870..... 14 lbs. 1 oz.

Anise Burns 44635—Bonnie's Polonius 10138, Duchess of Fernwood 2d 21282—Dam of
Tormentor's Browny 73079..... 14 lbs. 14 oz.

Annabel Lee 55833—Signalda's Torment 14673, Mette D. 47433—Dam of
Idlewild Pogis 80271..... 14 lbs. 11 oz.

Anna Gold Ear 21053—Gerry 2d 7217, Gold Ear 2d 3592—Dam of
Exile's Anna 46881..... 16 lbs. 12 oz.

Atala 23238—Minus 7823, Lilly of Leeds 17059—Dam of
Pauline Hugo Pogis 37098..... 14 lbs. 14 oz.

Atlanta 2d 24011—Bobby (P. S. 243 J. H. B.), Atlanta 14618—Dam of
Susie B. of Springvale 24986..... 17 lbs. 5 oz.

Augerez Georgiana 24421—Sir George 7656, Dam on I. of J.—Dam of
Coomassie Darlton 29519..... 16 lbs. 11 oz.

Augerez Violet 28377—Napier 2d (P. S. 244 J. H. B.), Dam on I. of J. —Dam of
Ophi of St. Lambert 49004..... 14 lbs. 10½ oz.

Aurated Pogis 48220—Lucy's Stoke Pogis 11544, Lily of Riverside 19599—Dam of
Aurated Pogis 2d 65666..... 16 lbs. 6 oz.

Ava (F. S. 6217 J. H. B.)—Dam of
Analysis 29162..... 16 lbs. 8 oz.

Beauty of Lakeside 2d 11322—Pilot 3549, Beauty of Lakeside 11321—Dam of
Beauty Dee 18065..... 23 lbs. 3 oz.

Beauty of Oakland 45009—King Signal 12491, Nal Day 26553—Dam of
Bess of Edgewood 71178..... 20 lbs. 6 oz.

Beauty of Springvale 26677—Alpheus of Springvale 5645, Ruby of Springvale 14505—Dam of
Corinne of St. Lambert 76579..... 15 lbs. 10 oz.

Belladonna of Glen Dale 7384—Wheatland 3d 1564, Glen Dale Belle 4303 —Dam of
Rosella of Bay View 66032..... 14 lbs. 14 oz.

Belle Lyman 28522—General Lyman 6631, Belle of Wolcott 8938—Dam of
Harry's Fancy Belle 44764..... 14 lbs. 8 oz.

Belle Morgan 26219—Schoharie 12245, Victoria 218—Dam of
Moragina 26344..... 17 lbs. 3 oz.

Belle of Argyle 18358—Regulator 4676, Duchess of Argyle 4th 7571—Dam of
Nan of Argyle 47561..... 14 lbs. 5 oz.

Belle of Utica 11356—Mohawk 2269, Rachel Curran 4086—Dam of
Bunker's Utica Belle 38567..... 15 lbs. 15 oz.

Belle Rosy 27291—Careful Lad (F. S. 331 J. H. B.), Belle (F. S. 1606 J. H. B.) —Dam of
Ashantee's Rosy 59258..... 14 lbs. 11 oz.

Bellis 38284—Dorval of St. Lambert 9541, Highland Gipsy 27282—Dam of
Beauty of Hamilton 55827..... 15 lbs. 15 oz.

Bertha Maplewood 22944—Etzel 3593, Shamette 8728—Dam of
Matilda of Maplewood 49723..... 14 lbs. 15 oz.

Bess of Ingleside 42172—Duke of Ravenna 14050, Ravenna Bess 28526—Dam of
Bess Pogis of Prospect 87045..... 16 lbs. 13½ oz.

Betsy 3d 8162—Rory O'More 3236, Betsy 1137—Dam of
Betsy's Glory 45604..... 14 lbs. 1 oz.

Bisma 1669, imp.—Dam of
Lula M. 32643..... 15 lbs. 6 oz.

Blanche Duncan 73077—Marboy 2644, Blanche Montrose 29011—Dam of
Blanche Duncan 2d 73333..... 14 lbs. 11¾ oz.

Blizz 55835—Little Harry 8808, North Wind 29157—Dam of
Signola M. 76122..... 14 lbs. 10 oz.

Blossom's Niobe 13855—Duffee 2083, Niobe Hampton 5343—Dam of
Niobomba 26456..... 14 lbs. 15 oz.

Bounty Duchess 37955—Marboy 2644, Orphan Duchess 2d 21821—Dam of
Marcia G. 53211..... 14 lbs. 11 oz.

Brenda Yorke 34460—Lord Darlington 7285, Kittura 3d 26178—Dam of
Dicta 55221..... 20 lbs. 9 oz.

Bronzie 9368—Samson 1079, Imogene 4552—Dam of
Bronzie of St. Lambert 49001..... 14 lbs. 2 oz.

Brown Flora 74996—Combination 4389, Beauty of Cloverside 18608—Dam of
Brown Bessie 74997..... 20 lbs. 8 oz.

Brunette Star 27270—Cicero 7657, Brunette (P. S. 101 J. H. B.)—Dam of
Ashantee's Brunette 65946..... 16 lbs. 7 oz.

Burckel's Clover Blossom 15609—Vermonter 5620, Ballard's Clover Blossom 9783—Dam of
Bronx Clover Blossom 38676..... 15 lbs. 2½ oz.

Busy Bee 6336—Top-Sawyer 1404, Bisma 3d 1870—Dam of
Busy Melrose 54456..... 21 lbs. 1¼ oz.

Cæsarea 3d 22588—Farmer's Glory 5196, Mica (F. S. 2223 J. H. B.)—Dam of
Mona's Beauty 50041..... 15 lbs. 4 oz.

Cara Mia 64224—Sitanda 20221, Carida 37322—Dam of
Tomassee 76875..... 14 lbs. 12½ oz.

Careta 19092—Stoke Pogis 5th 5987, Mousy 2d 14962—Dam of
Careta Pogis 42784..... 15 lbs. 1¼ oz.

Carida 37322—Ida's Stoke Pogis 13658, Carrie Lena 3d 20077—Dam of
Cara Mia 64224..... 15 lbs. 9¼ oz.

Carlo's Pride 31371—Carlo 5559, Petunia (F. S. 2646 J. H. B.)—Dam of
Lynona 36240..... 16 lbs. 8 oz.

Carrie Pedrolier 48966—Pedrolier 12412, Carrie Clark 2d 25706—Dam of
Spot Victor Pogis 85901..... 17 lbs. 3 oz.

Casta Diva 8154—Pope 738, Belpré Belle 2d 7390—Dam of
Casta's Belle 56148..... 14 lbs. 15 oz.

Catoctin's Daughter 29262—Catoctin 2d 11143, Yankee Girl 2d 29261—Dam of
Exile's Lucy 46883..... 15 lbs. 7¾ oz.

Cetewayo's Lily 18950—Cetewayo (P. S. 224 J. H. B.), Lily (P. S. 166 J. H. B.)—Dam of
Calma of Briarcliff 52599..... 14 lbs. 7½ oz.

Champion G.'s Duchess 40768—Champion G. 12672, Warren's Duchess 3d 26836—Dam of
Mildred Montague 45476..... 15 lbs. 5½ oz.

Charella of Bay View 48923—Chief 10663, Charella 12017—Dam of
Chief's Charella 61999..... 23 lbs. 10½ oz.

Charlotte Brooks 29580—Lemon Peel's Duke (P. S. 479 J. H. B.), Charlotte Corday 29121—Dam of
Helen Barry 55840..... 18 lbs. 7 oz.

Charlton Caroline 11724—Baritone 1075, Caroline 2d 2019—Dam of
Silver Delle 40691..... 18 lbs. 14½ oz.
Cream Caroline 17357..... 16 lbs. 2 oz.

Cheerful of St. Lambert 8348—Stoke Pogis 3d 2238, Jessamine of St. Lambert 5125—Dam of
Cheerful of St. Lambert 2d 43745..... 22 lbs. 2 oz.

Chenda 4599—Marius 760, Chatelaine 1916—Dam of
Chenda 3d 43246..... 15 lbs. 7 oz.

Chestnut Farm Sylvia 25022 (F. S. 5250 J. H. B.)—Dam of
Sylvia Perrot 30963..... 16 lbs. ½ oz.

Chief's Guenn 29266—Seneca Chief 4098, Lady Delphine 28460—Dam of
Otta of St. Lambert 49003..... 15 lbs. 8¾ oz.

Chrissy 1448—Dam on I. of J., Kitty Clover 1113—Dam of
Chrissy 3d 15615..... 14 lbs. 11 oz.

Chrissy Signal 27790—Signal Jr. 7166, Chrissy 3d 15615—Dam of
Cynthia A. 43721..... 20 lbs. 10 oz.

Cinderella St. Helier 27241—St. Helier 45, Cecile of Willow Farm 5192—Dam of
Cinxia St. Helier 46730..... 17 lbs. 9 oz.

Clara Barder 14311—Lerdo 3995, Jersey Beauty 2595—Dam of
Miaclara 48690..... 14 lbs. 8 oz.

Clara of Jefferson 12311—Enos 1570, Clara 4th 1541—Dam of
Clara's Belle 16582..... 17 lbs. 9½ oz.

Clara's Belle 16582—Dexter of Jefferson 5681, Clara of Jefferson 12311—Dam of
Seraph 72217..... 18 lbs. 5 oz.

Clotaire's Alphea 32502—Clotaire 9884, Alphea Rajah 20605—Dam of
Lanison's Nora 59316..... 15 lbs. 6½ oz.

Clotaire's Annie 58319—Clotaire 9884, Floribundus 2d 14949—Dam of
Cleodoxa 59311..... 22 lbs. 5 oz.

Clotaire's Beauty 28171—Clotaire 9884, Lady Bingo 24160—Dam of
Princess Carmen 58320..... 16 lbs. 14 oz.

Clotaire's Belle 28841—Clotaire 9884, Alphea Rajah 20605—Dam of
Exile's Alphea 45393..... 15 lbs. 14½ oz.

Coma 29330—Combination 4389, Metella 3905—Dam of
Commotion 52960..... 17 lbs. 6 oz.

Coming Girl 12772—Elkornah 4401, Flossie of Mount Waite 6836—Dam of
Coming Girl 3d 71794..... 17 lbs. 14 oz.

Commilla 79614—Combination 4389, Millie Lee 7989—Dam of
Calcium 79733..... 16 lbs. 15 oz.

Compeer's Rowena 22968—Son of Compeer 7279, Miss Edna 21655—Dam of
Rowena of Elm Spring 54613..... 14 lbs. 4 oz.

Content of Linwood 6950, imp.—Dam of
Landseer's Content 56985..... 16 lbs. 8 oz.

Coomassie Darlton 29519—Duke of Darlington 2d 6948, Augerez Georgiana 24421—Dam of
Coomassie Veda 55838..... 17 lbs. 3 oz.

Cora of Arcadia 16151—Rocco 4517, Clio of Staatsburgh 2d 12540—Dam of
Exile's Arcadia 66201..... 14 lbs. 4¼ oz.

Cora of Linwood 12915—Top-Sawyer 1404, Content of Linwood 6950—Dam of
Mette D. 47433..... 14 lbs. 12 oz.

Cordelia Signal 33452—Wanderer 3014, Second Cousin 12689—Dam of
Cordelia Signal 3d 57808..... 17 lbs. 8 oz.

Corinne Moore 35748—Sir Signal 3018, Fall Leaf 8587—Dam of
Corinne Melrose 54455..... 16 lbs. 14 oz.

Costa Rica 64570—Upright 6147, Modita 16626—Dam of
Merry Maiden 64949..... 14 lbs. 1 oz.

Countess Coomassie 19339—Silver Mine 1658, Russie Hill of Maxwell 8661—Dam of
Countess Alberta 42922..... 14 lbs. 2 oz.

Countess Hebe 8102—Antelope 1927, Hebe 6th 2833—Dam of
Countess Hebe 2d 45899..... 14 lbs. 3 oz.

Countess Snap Pogis 36807—Marjoram's Snap Pogis 13502, Countess Bronx 2d 24498—Dam of
Countess Stoke Pogis 62540..... 16 lbs. 3 oz.

Cowles' Eirene 3926—Ishmael Hurd 1548, Puss 4397—Dam of
Gladdis Roy 18566..... 17 lbs. 13½ oz.

Cream Calla 40233—Europa's Duke 4832, Creamlie Westfield 17818—Dam of
Calla Europa 77810..... 15 lbs. 4 oz.

Cream Caroline 17357—McHenry 5890, Charlton Caroline 11724—Dam of
Cream's Pride 47570..... 17 lbs. 2 oz.

Cream of Springvale 16621—Othello of Elmarch 3780, Lady Pinckard of Springvale 11227—Dam of

Alberta Hugo 35424..... 17 lbs. 9 oz.

Cupid of St. Lambert 5104—Laval 506, Amelia 484—Dam of

Bijou of St. Lambert 5112..... 15 lbs. 4 oz.

Dairymaid 2d 13651—Farmer's Glory 5196, Dairymaid (F. S. 2181 J. H. B.) —Dam of

Lamba 79039..... 20 lbs. 3 oz.

Daisy Brown 12213—Tormentor 3533, Heedless 9522—Dam of

Daisy Brown 2d 37325..... 15 lbs. 10½ oz.

Daisy Deane of St. L. 35962—Stoke Pogis 5th 5987, Jersey Belle of Prospect 18628—Dam of

Clover of St. Lambert 60945..... 16 lbs. 14¼ oz.

Daisy Morrison 14035—John Morrison 4551, Melia Ann 5444—Dam of

Daisy Morrison 4th 46830..... 14 lbs. 11 oz.

Daisy of Chenango 18582—Prince of Sidney 2665, Daisy 684—Dam of

Daisy of Dryden 77778..... 16 lbs. 4 oz.

Daisy of St. Lambert 25840—Lord Monck 304, Joliette 1374—Dam of

Lord Fife's Joliette 30591..... 16 lbs. 2 oz.

Daisy's Last 46376—Georgia 10606, Daisy 684—Dam of

Daisy Clementaise 77341..... 14 lbs. 5 oz.

Damara 65001—North Pacific Prize 11459, Mercurina 64920—Dam of

Marissa 65285..... 16 lbs. 2 oz.

Dappled (F. S. 2773 J. H. B.)—Dam of

Lady Longfield 23524..... 20 lbs. 13 oz.

Dassa Argyle 21180—Campbell's Rex 6812, Duchess of Argyle 3d 7569—Dam of

Jewel of Argyle 68752..... 18 lbs. 2 oz.

Davy's Dot 41693—Augustus Davy 15583, Dot 2d 621—Dam of

Landseer's Pogene 85743..... 15 lbs.

Derwood's Christine 41044—Derwood 8357, Christine 3006—Dam of

Ida Bellman 48273..... 17 lbs. 5½ oz.

Desdemona Belle 19366—Arawana Mark 4629, Forest Leaf 8031—Dam of

Desda Pogis 58344..... 14 lbs. 7½ oz.

Dewdrop Pansy 19736—Platon (F. S. 310 J. H. B.), Pansy (F. S. 1072 J. H. B.) —Dam of

Melrose's Perfection 28895..... 24 lbs. 12 oz.
Pogis' Dewdrop 40373..... 19 lbs. 12½ oz.
Pogis' Twilight 53794..... 19 lbs. 1 oz.
Eppie Pogis 44972..... 15 lbs. 6 oz.

Dice 18182, imp. (F. S. 2610 J. H. B.)—Dam of

Jean Ingelow 42515..... 17 lbs. 7 oz.

Doe 3061—Blücher 2d 102, Dot 34—Dam of

Oneida 42100..... 14 lbs. 2 oz.

Dollie Argyle 26987—Lonius 7407, Belle of Argyle 18358—Dam of
Baroness Argyle 40498..... 18 lbs. 12 oz.

Dolly Dunn 18298—Yellow Boy 6381, Widow Dunn 10334—Dam of
Dolly's Daughter 31392..... 16 lbs.

Dolly of Riverside 32944—Champion of Riverside 5787, Whiting's Daisy 14858—Dam of
Tormentor's Daisy 52496..... 20 lbs. 8½ oz.

Dolly P. 10129—Pierrot 5th 1665, Ann Pet 5639—Dam of
Bristol Bella 15697..... 14 lbs. 7 oz.

Donnona 10120—Rossiter 1472, Bonita Snowdrop 5775—Dam of
Donnona's Nectarine 40093..... 16 lbs. 6 oz.

Dora Doon 12909—Top-Sawyer 1404, Daisy Dean 6855—Dam of
Diana Doon 61539..... 15 lbs. 9 oz.

Dovie of Linwood 6857—Rector 1458, Lady Dove 4418—Dam of
Fancy's Pet 36013..... 16 lbs. 4 oz.

Duchess Lurlene 9048—Pontiff 2120, Betsy Trotwood 9047—Dam of
Marilla of St. Lambert 31809..... 21 lbs. 13½ oz.

Duchess of Argyle 3758—Jack Dasher 932, Berlin Daisy 3759—Dam of
Duchess of Argyle 7th 47569..... 14 lbs. 8 oz.

Duchess of Argyle 3d 7569—Duke of Argyle 1517, Duchess of Argyle 3758—Dam of
Dassa Argyle 21180..... 16 lbs. 14 oz.

Duchess of Argyle 4th 7571—Duke of Argyle 1517, Duchess of Argyle 3758—Dam of
Joy of Argyle 40495..... 15 lbs. 9 oz.
Charity of Argyle 35036..... 14 lbs. 10 oz.

Duchess of Green Hill 15804—Cocheco 3810, Duchess of Oakland 6927—Dam of
Wyoming 48849..... 15 lbs. 5 oz.

Duchess of St. Lambert 5111—Lord Lisgar 1066, Pride of Windsor 483—Dam of
St. Lambert's Duchess 56504..... 15 lbs. 7½ oz.

Edith Hanna 33146—Royal Boy 8931, Grecian Girl 12765—Dam of
Princess Edith Hugo 45120..... 15 lbs. 14½ oz.

Edna Browning 12292—Compeer 2367, Valhalla 5300—Dam of
Azelda's Valhalla 45234..... 14 lbs. 5 oz.

Ella Esmond 35225—Henry Esmond 12301, Lady Mahopac 8613—Dam of
Ella Europa 61062..... 14 lbs. 15½ oz.

Ella Rosewood 2d 23602—Marquis of Lossie 3512, Ella Rosewood 14913—Dam of
Ella Rosewood's Daisy 32787..... 15 lbs.

Ellenetta 9446—Minstrel 1503, Elleneve 2d 3546—Dam of
Ellenetta of Bay View 48921..... 21 lbs. 11 oz.

Emily Le Brocq 36610—Coburn's Prize 6851, Elinor Wells 12068—Dam of
Beech Grove Elsie 67758..... 14 lbs. 5¼ oz.

Emma Landseer 58104—Landseer's Pogis 15847, Belle Lyman 28522—Dam of

Emma Landseer 2d 69220..... 14 lbs. 2¾ oz.

Empress 6th 3203—Vermont 893, Empress 1552—Dam of

Empress Pedro 50878..... 15 lbs. 1 oz.

Empress of St. Lambert 56502—Oaklands John Bull 16587, Peony of St. Lambert 56501—Dam of

Daffy of St. Lambert 69894..... 14 lbs. 7 oz.

Ernestina 38444—Nancy's Rioter 8390, Gentina 21729—Dam of

Ernestina 2d 77682..... 14 lbs. 8 oz.

Ethel's Nelly 19097—Royal Dane 8th 6357, Nelly Brookside 2d 11820—Dam of

Jessie Stoke Pogis 37291..... 17 lbs. 2½ oz.

Etta of Briarcliff 68320—Oxford Prince 14473, Lady Ellafield 30947—Dam of

Ella of Briarcliff 68939..... 14 lbs.

Eulogy 30634—Bomba's Son 8372, Lady of Kassassin 18191—Dam of

No Chemicals 71452..... 16 lbs. 9 oz.

Euphonia 5th 39124—Matin's Glory 9135, Euphonia 6783—Dam of

Eufielda 62546..... 14 lbs. 3 oz.

Eutoga 58027—Ramapo Chieftain 15324, Phœbe Richmond 35494—Dam of

Express 69574..... 18 lbs. 5 oz.

Eva Locust 21050—Gerry 2d 7217, Eva Gold Ear 15836—Dam of

Exile's Lady Angela 46882..... 15 lbs. 11 oz.

Eva of Snipsic 17650—Duke of Mansfield's Pierrot 6261, Eliza A. Perkins 14604—Dam of

Ida Eva Pogis 39271..... 18 lbs. 6 oz.

Exhibit 23245—Glue 3960, Cash Girl 12424—Dam of

Crusta 29637..... 16 lbs. 10 oz.

Exile's Alphea 45393—Exile of St. Lambert 13657, Clotaire's Belle 28841—Dam of

Lanison's Cora 59315..... 14 lbs. 14 oz.

Fadette of Canaan 14807—Wanderer 3014, Fadette of Verna 2d 9024—Dam of

Fadette Signal 39472..... 20 lbs. 14½ oz.

Fairy Queen of St. Brelade's 7464—Duke (P. S. 76 J. H. B.), Dam on I. of J.—Dam of

Signal Queen 30869..... 21 lbs. ½ oz.

Allie's Queen 45618..... 15 lbs. 2 oz.

Fall Leaf 8587—Lord Lawrence 1414, Sunny South 6830—Dam of

Corinne Moore 35748..... 19 lbs. 8 oz.

Fall Leaf 2d 25171—Sir Signal 3018, Fall Leaf 8587—Dam of

Fall Leaf's Heiress 54454..... 16 lbs. 2 oz.

Fancy's Pet 36013—Fancy's Landseer 12996, Dovie of Linwood 6857—Dam of
Fancy's Pet 2d 85912..... 14 lbs. 1 oz.

Fancy Wax 37159—Fancy's Harry 9777, Beeswax 9807—Dam of
Fancy Wax 2d 83357..... 14 lbs. 5½ oz.

Fanella 8006—Agawam 2d 1841, Fannette of Ipswich 5578—Dam of
Fanella 2d 64578..... 15 lbs. 6 oz.

Fannie Keene 40097—Champion Albert 6023, Tritoma 2d 16172—Dam of
Tritoma Pogis 44952..... 16 lbs. 13 oz.

Favorite of Avon 13438—Grey King (P. S. 169 J. H. B.), Camelia (F. S. 1687 J. H. B.)—Dam of
Jane Neptune 52345..... 19 lbs. 4½ oz.

Flashy Jessie 2d 23332—Joseph Le Brocq 7805, Flashy Jessie 9722—Dam of
Birdsey's Surprise 48326..... 14 lbs. 2 oz.

Fleece 18568—The Hub 1009, Busy Bee 6336—Dam of
Fleecy Princess 40342..... 16 lbs. 11½ oz.

Fleetling 18576—Carnival 5110, Silver Wave 10844—Dam of
Fleeter 61921..... 16 lbs. 13½ oz.

Floribel Pogis 28759—Stoke Pogis 5th 5987, Floribel 3d 14129—Dam of
Fashion Plate 62457..... 15 lbs. 10½ oz.

Floribundus 2d 14949—Victor (P. S. 148 J. H. B.), Floribundus (F. S. 659 J. H. B.)—Dam of
Yum Yum of St. Lambert 39152..... 21 lbs. 4 oz.
Clotaire's Annie 58319..... 19 lbs. 11½ oz.
Young Floribundus 28172..... 17 lbs. 12¾ oz.

Floriole 13069—Elsmore 4384, Fleurilla 2720—Dam of
Blanche of Castile 43793..... 22 lbs. 1½ oz.

Flower of Glen Rouge 17560—Lord McDuff 5147, Clematis of St. Lambert 5478—Dam of
Flower of Meridale 64537..... 14 lbs. 1 oz.

Fosie 20255—Invincible 5510, Lottie B. 10039—Dam of
Chief's Fosie 61998..... 14 lbs. 11 oz.

Friga's Delight 26649—Crust's Nobleman 4483, Friga 2d 7341—Dam of
Delight's Darling 45700..... 15 lbs. 8 oz.

Frushia Wilson 47432—Little Harry 8808, Guenn 25284—Dam of
Jessie Wilson 76121..... 14 lbs. 8 oz.

Fulda 25687—Cattaraugus Chief 6026, Agapanthus 7174—Dam of
Fulda Stoke Pogis 44992..... 15 lbs. 8 oz.

Gardiner's Ripple 11693—Allegany Chief 2918, Gardiner's Thistle 11338—Dam of
Signal's Ripple 27093..... 17 lbs. 5 oz.

Gem of Oakland 2d 29756—Gabriel 2607, Gem of Oakland 29754—Dam of
Gem's Louisa 39564..... 17 lbs.

Genie Walker 38443—Little Harry 8808, Cora of Linwood 12915—Dam of
Chump 81289..... 14 lbs. 13 oz.

Geranium Leaf 30875—Chief of the Miamis 2958, Geranium 2d 7838—Dam of
Geranium Leaf 2d 56859..... 22 lbs. 7 oz.
Allie's Leaf 45617..... 16 lbs. 3 oz.

Gertie Rex 23946—Lebanon Rex 6124, Trixie D. 13698—Dam of
Value Belle 33080..... 14 lbs. 3 oz.

Gilt Lady 14981—Gilderoy 3d 5043, Lady Madeline 10526—Dam of
Gilt Lady 2d 33969..... 14 lbs. 7 oz.

Gipsy's Pride 25290—Canister 7735, Gipsy Maid 2d 16902—Dam of
Gipsy's Pride 2d 29365..... 27 lbs. 12 oz.

Gipsy's Pride 2d 29365—Tuscarora of Clermont 7232, Gipsy's Pride 25290—Dam of
Pride of Ingleside 54545..... 20 lbs. 4½ oz.

Gladdis Roy 18566—Catono 3761, Cowles' Eirene 3926—Dam of
Gladdis Roy 2d 55652..... 18 lbs. 12 oz.
Catono's Kate 59976..... 16 lbs. ½ oz.

Gladdis Roy 2d 55652—Gold Basis 5th 15725, Gladdis Roy 18566—Dam of
Pearl of Riverside 55659..... 17 lbs. 5½ oz.

Glendale Beauty 27690—Duke of Ouaquaga 2740, Colesville Beauty 10486—Dam of
Nelly Torment 61903..... 15 lbs. 7 oz.

Glenida 2d 5770—Tocsin 1912, Glenida 4436—Dam of
Augustella 63018..... 14 lbs. 2 oz.

Grace Pansy 2d 18764—Smoke Smith 4844, Grace Pansy 12156—Dam of
Myrtlise 64906..... 19 lbs. 9 oz.
Tormentris 49659..... 18 lbs. 14½ oz.

Grace's Nightingale 19855—Old Hickory 2d 9224, Nightingale K. 16056—Dam of
Howland Nightingale 33291..... 14 lbs. 1 oz.

Guenn 25284—Toltec 6831, Cora of Linwood 12915—Dam of
Frushia Wilson 47432..... 14 lbs. 4½ oz.

Hallie's Jewel 17113—Knight of St. Louis 3680, Hallie Carter 5329—Dam of
Hallie Signal 61726..... 18 lbs. 12 oz.

Harry's Fancy Belle 44764—Fancy's Harry 9777, Belle Lyman 28522—Dam of
Harry's Fancy Belle 2d 82416..... 14 lbs. 12½ oz.

Helen Stoke Pogis 31947—Exile of St. Lambert 13657, Lady Delphine 28460—Dam of
Exile's Helen 61251..... 14 lbs. 4½ oz.

High Spirits 35390—Royalty 7210, Bessie Thornton 15818—Dam of
High Spirits of Lawn 61371..... 18 lbs. 7 oz.

Hilda 2d 14967 (F. S. 2183 J. H. B.)—Farmer's Glory 5196, Hilda (F. S. 2183 J. H. B.)—Dam of
Landseer's Hilda 49788..... 17 lbs.

Hildmella 22315—Melville 5073, Hilda B-B-B 17640—Dam of
The Colonel's Daughter 50230..... 15 lbs. 4½ oz.

Hyacinth Pogis 56020—Ida's Stoke Pogis 13658, Kitty Better 32911—Dam of
Oonan of Riverside 69773..... 14 lbs. 9½ oz.

Ida Imperial 2d 28710—Champion's Son 3286, Ida Imperial 19667—Dam of
Minnie Montague 45474..... 15 lbs. 5½ oz.

Ida of Oakland 35798—Ida's Rioter of St. L. 13656, Lady of Oakland 11101—Dam of
Ida of Oakland 2d 72061..... 15 lbs. ½ oz.

Ida of St. Lambert 24990—Stoke Pogis 3d 2238, Kathleen of St. Lambert 5122—Dam of
Pomona's Ida of St. L. 59565..... 14 lbs. 14½ oz.

Ida Twinkle 36994—Ida's Rioter of St. L. 13656, Twinkle 5th 18486—Dam of
Candelabrum 75187..... 14 lbs. 14½ oz.

Imperial's Omega 13241—Imperial 505, Dot of Bear Lake 6170—Dam of
Dot of Rocky Ford 40763..... 15 lbs. 1 oz.
Imperial's Omega 2d 19664..... 14 lbs. 14 oz.
Kate Crecraft 40783..... 14 lbs. 6 oz.

Imperial's Omega 2d 19664—Imperial 2d 5254, Imperial's Omega 13241—Dam of
Ada Fy 45479..... 17 lbs. 4 oz.

Income 19472—Auroraboreëllis 2408, Niva 7523—Dam of
Italica 58775..... 14 lbs. 4½ oz.

Jennie Stoke Pogis 32010—Exile of St. Lambert 13657, Puss Lurlene 21461—Dam of
Exile's Dolly 67452..... 19 lbs. 7½ oz.

Jenny Justa 43731—Yakout 6842, Justicia 34922—Dam of
Justa Pogis 64863..... 14 lbs. 15¼ oz.

Jersey Cream 2d 8519—King of Fairview 778, Jersey Cream 3151—Dam of
Auraria 10688..... 15 lbs. 10 oz.

Jessie Lee of Labyrinth 5290—Tycoon Jr. 1212, Beulah of Baltimore 3270—Dam of
Maggie of Springvale 15931..... 18 lbs. 5 oz.

Jetty d'Or 39845—Rayon d'Or 7516, Jetty Lee 7988—Dam of
Jetty d'Or 2d 62403..... 17 lbs. 1 oz.

Jetty Lee 7988—Sweepstakes Duke 1905, Velvet of Hingham 1996—Dam of
Jetty d'Or 39845..... 15 lbs. 2 oz.

Jim's Pride 31376—Jim (P. S. 346 J. H. B.), Little Belle (on I. of J.)—Dam of
Jim's Glory 60527..... 14 lbs. 4 oz.

Kate Crecraft 40783—Champion's Loyal 12673, Imperial's Omega 13241—Dam of
Kate Crecraft 2d 75461..... 18 lbs. 3 oz.

Kate Durwood 48971—Durwood 4527, Kate Snow 9975—Dam of
Kate Durwood 2d 82417..... 14 lbs. 1 oz.

Kate Grimball 56435—Hilarious 7651, Miss Juliet 20195—Dam of
Shelta F. 56437..... 20 lbs. ½ oz.

Kate Winslow 28055—Bristol Chief 3d 4072, Lady Parqua 4165—Dam of
Katie of St. Lambert 54776.. ..... 19 lbs. 7 oz.
St. Lambert's Kate 61975..... 16 lbs. 11 oz.

Katie Putnam 40366—Prince of Melrose 2d 11015, Lass de Grantez 26673—Dam of
Señorita Pogis 53791..... 16 lbs.

Katy Signal 24690—Chief of the Miamis 2958, Ire Hudson 12316—Dam of
Katy Signal 2d 44673..... 16 lbs. 8 oz.

Kerima 7242—Beauclerc 1882, Stella Le Brocq 4956—Dam of
Dorizella 20525..... 15 lbs. 7 oz.

Khelula 17970—King (P. S. 238 J. H. B.), Sophie (F. S. 434 J. H. B.)—Dam of
Khelula of Briarcliff 46799..... 18 lbs. 2½ oz.

Kittie Pedro 27720—Pedro Thornton, 7960, Jennie Burr 16931—Dam of
Sig Eurota 64898..... 15 lbs. 1½ oz.

Kitty Better 32911—Lord Harry 3445, Kate Gordon 8387—Dam of
Hyacinth Pogis 56020..... 15 lbs. 6 oz.

Kitty Clover 1113, imp.—Dam of
Kitty Clover 2d 16099..... 14 lbs. 15 oz.

Kitty of Cedar Glen 10948—Fitz 1988, Kitty Parks 3765—Dam of
Kitty Kringel 57120..... 16 lbs. 8 oz.

Kitty of Jefferson 12193—Peter Norman 1238, Kitty 2d 2245—Dam of
Kitty of Jefferson 2d 12313..... 14 lbs. 3 oz.

Kitty of Jefferson 2d 12313—Dexter of Jefferson 5681, Kitty of Jefferson 12193—Dam of
Kitty's Matilda 75349..... 14 lbs. 3 oz.

Kosi 5th 10870—Bristol Chief 1496, Kosi 3431—Dam of
Xarifina 34176..... 14 lbs. 9 oz.

Lady Alexis 26916—Duke of Albany 3899, Belle of Maple Grove 11334—Dam of
Exile's Onnalinda 65189..... 15 lbs. 1½ oz.

Lady Alice of Hillcrest 7450—Jeweler 1385, Mary Ann 2038—Dam of
Lady Alice Pogis 30273..... 22 lbs. 8 oz.
Southern Pet 26675..... 18 lbs. 8 oz.

Lady Appel 8612—Young St. Martin 2219, Isolda 5900—Dam of
Dew 62474..... 16 lbs. 7 oz.

Lady Baush 11810, imp.—Dam of
Martha D. 66641..... 17 lbs. 2 oz.

Lady Bingo 24160—Bingo 2d 6749, Mrs. Knickerbocker 19367—Dam of
Clotaire's Beauty 28171..... 20 lbs. 4 oz.

Lady Bobita 2d 43571—Signaldini 8556, Lady Bobita 32201—Dam of
Vigo Princess 60806..... 18 lbs.

Lady Bullard 24648—Guido 3521, Grouville Lass 11789—Dam of
Bertha Stoke Pogis 35206..... 14 lbs. 15½ oz.

Lady Cloud 19358—Fayette Boy 4737, Lady Tilford 14467—Dam of
Lady Cloud 2d 26825..... 16 lbs. 12 oz.

Lady Gray of Hilltop 6th 49485—Champion of Hilltop 1839, Lady Gray of Hilltop 6850—Dam of
Lady Thalma 54701..... 14 lbs. 12 oz.

Lady Jane of St. Peter's 7475—Sire on I. of J., Matin (F. S. 1629 J. H. B.)—Dam of
Lady Jane of St. Peter's 2d 62536 .. .. 14 lbs. 5 oz.

Lady Jeannette of St. James 12054—Le Brocq's Prize 3350, Lady Jane of St. Peter's 7475—Dam of
Oonan's Jeannette 45616..... 20 lbs. 3 oz.

Lady Lillie 11813, imp.—Dam of
Pride's Lady Lillie 35181..... 15 lbs. ¾ oz.

Lady Livingston 33374—Garibaldi H. 7106, Rainbow 2d 13962—Dam of
Victor's Lady 52691..... 15 lbs. 14 oz.

Lady Madge 25541—Sir Duke 1907, Belle of Spring Mill 10786—Dam of
Lady Woodbine 26803..... 14 lbs. 2 oz.

Lady Mary Pogis 27113—Stoke Pogis 5th 5987, Comtesse D'Espagne 10308—Dam of
Ida Mary Pogis 56126..... 14 lbs. 2 oz.

Lady Perfection 32116—Stoke Pogis' Perfection 5984, Lady Disdain 16211—Dam of
Mamie II. Pogis 57050..... 16 lbs. 14 oz.

Lady Prince 48320—Black Prince of Linden 9063, Lady Coplay 31602—Dam of
Garfield's Princess 62544..... 22 lbs.

Lady Rushmore 11812, imp.—Dam of
Pride's Lady Sarah 39537 ..... 15 lbs. 1½ oz.
Pride's Lady Rushmore 35182..... 15 lbs. 1 oz.

Lady Tilford 14467—Red Cloud 2d 2260, Lady Pigot 5797—Dam of
Lady Cloud 19358..... 27 lbs. 6 oz.

Lady Woodbine 26803—Stand Point 7th 7929, Lady Madge 25541—Dam of
Exile's Effie 40526..... 15 lbs. 2 oz.

Lalla Rookh of Sugar Grove 15882—Marquis of Lossie 3512, Lalla Rookh of Woodlawn Home 12146—Dam of
Lalla Rookh's Queen 65848..... 15 lbs. 10 oz.

Lalla Rookh of Woodlawn Home 12146—Victor (P. S. 148 J. H. B.), Snow of Woodlawn Home 12145—Dam of
Lalla Rookh of Sugar Grove 15882..... 18 lbs. 9 oz.

Landseer's Signaline 58101—Landseer's Pogis 15847, Bessie Signalda 38178—Dam of
Harry's Signaline 82419..... 14 lbs. 8½ oz.

Lass de Grantez 26673—Duke of Grantez (P. S. 410 J. H. B.), Cream Lily 24015—Dam of

Imogene Pogis 44967 ..... 18 lbs. 13 oz.
Katie Putnam 40366 ..... 16 lbs. 4 oz.

Lassie Baum 38213—Royal Dane 6th 5502, Lassie 2d 2363—Dam of

Exile's Buttercup 60643 ..... 15 lbs. 4 oz.

Lass Nellie 24012—Bobby (P. S. 243 J. H. B.), Isabella (F. S. 1670 J. H. B.) —Dam of

Miss Nellie Parker 24988 ..... 23 lbs. 11 oz.

Laura Carrie Alphea 22311—Royal de Alphea 6506, Laura Carrie 9826—Dam of

Daisy of Denison 53137 ..... 15 lbs. 12 oz.

Laurette 2d 17148—Lenape 2732, Laurette 12697—Dam of

Pearl Pogis 38304 ..... 16 lbs. 10¾ oz.

La Violette 36801—Le Brocq's Prize 3350, Violette 7471—Dam of

La Violette 2d 52604 ..... 14 lbs. 7 oz.

Leclair's Marjoram 36355—Stoke Pogis 1259, Marjoram 3239—Dam of

Marjoram of Glen Rouge 78420 ..... 17 lbs. 3 oz.

Lemon Twig 42028—Gilderoy 2107, Orange Twig 11796—Dam of

Lemon Spray 44532 ..... 15 lbs. 1½ oz.
Torlona 76872 ..... 14 lbs. 2 oz.

Lenore H. 15798—Duke of Haughton 5856, Flora Hudson 1041—Dam of

Lenore H. 2d 29767 ..... 16 lbs. 3 oz.

Lesbia H. 35634—Winner 5572, Lucy's Love 20568—Dam of

Leonetta H. 67514 ..... 15 lbs. 1½ oz.

Letty Coles 2d 48128—Diana's Rioter 10481, Letty Coles 23351—Dam of

Letty Rioter 73475 ..... 20 lbs. 1 oz.

Lilian of Sunswick 36316—Catalpa's King 5878, Gipsy of Sunswick 11751—Dam of

Daisy Delafield 59230 ..... 20 lbs. 11 oz.

Lilium Excelsum 24945—Velpeau 2146, Minerva of Canterbury 12130—Dam of

Lilium Excelsum 2d 65040 ..... 14 lbs. 5 oz.

Lilley Rex Rioter 48464—King Rioter 6075, Lilley Rex 9852—Dam of

Lilley Rex Pogis 62545 ..... 14 lbs 9 oz.

Lily Polo 22218—Echo's Polonius 4939, Lily Baudin 2d 16508—Dam of

Massey Polo 67019 ..... 22 lbs. 6 oz.

Lisgar's Rose 26607—Silver's Bunthorne 11082, Rosette of St. Lambert 5108 —Dam of

Lisgar's Rose 2d 56976 ..... 16 lbs. 11¾ oz.

Lisgar's Rose 2d 56976—Canada's John Bull 8388, Lisgar's Rose 26607—Dam of

Ida's Rose of St. Lambert 71555 ..... 14 lbs. 15 oz.

Littalla 19314—Valley Jump 6689, Emma Mc. 2d 5033—Dam of

Même 34921 ..... 18 lbs. 4 oz.

Litta Oaks 2d 20020—Silver (P. S. 287 J. H. B.), Litta Oaks 19734—Dam of
Litta Pogis 30275..... 18 lbs. 6 oz.

Litta Oaks' Alphea 26676—Alpheus of Springvale 5645, Litta Oaks 19734—Dam of
Nannie Pogis 53786..... 16 lbs. 11 oz.
Hermosa Pogis 40369..... 16 lbs. 3½ oz.

Little Belle, on I. of J.—Dam of
Jim's Pride 31376..... 18 lbs. 3 oz.

Little Nan 15895—W. Hampton 1896, Cootie 5985—Dam of
Signal's Lily Flagg 31035..... 27 lbs. 3½ oz.

Little Pogis 32612—Stoke Pogis 5th 5987, La Petite Mère 5470—Dam of
Friendship 62460..... 17 lbs. 3 oz.
Rioter's Violet Pogis 75342..... 14 lbs. 15 oz.

Lizzie Reeves 9222—Captain Wiley 4030, Virginia Girl 8322—Dam of
Exile's Lizzie 61477..... 14 lbs. 8½ oz.

Lizzie Walker 10134—Pierrot 7th 1667, Julia Walker 10133—Dam of
Mulford's Lizzie Walker 50213..... 16 lbs. 5 oz.

Lorena of Briarcliff 42817—Domino of Darlington 2459, Jersey Lily 14044—Dam of
Celia of Whitehall 68004..... 17 lbs. 15 oz.

Lorna 2d 33634—Stiletto 8320, Lorna 19016—Dam of
Lorna of Maple Glens 48094..... 14 lbs.

Lorna Doone of P. 31335—Bad Boy 4375, Alabama C. 15498—Dam of
Mrs. Jack 50805..... 15 lbs. 5 oz.

Lottie May 17201—Young Baltimore Boy 2048, Dorcas 4th 3533—Dam of
St. Lambert's Crescent 39711..... 22 lbs. 10 oz.

Madge H. 14441—Bismarck (Fairbanks') 1277, Lady Gray Hayden 3512—Dam of
Madge Berg 24165..... 14 lbs.

Maffie 2d 4939—Jachin 1220, Maffie 952—Dam of
Chief's Malita 25186..... 16 lbs. 8½ oz.

Maggie of Springvale 15931—Duke of Springvale 4290, Jessie Lee of Labyrinth 5290—Dam of
Victor Hugo's Maggie 30274..... 18 lbs. 14 oz.
Jessie Lee Pogis 44969..... 17 lbs. 4 oz.
Pomona Pogis 40371..... 17 lbs. 2½ oz.

Magnorant 12509—Magnefant 2565, Magnora 5158—Dam of
Signora Signal 39396..... 15 lbs.

Maid of the Elms 18932, imp. (F. S. 3096 J. H. B.)—Dam of
Maid of Tanglewood 51606..... 16 lbs.

Mambrino Kate 14494—Assessor 827, Lady Thorne 8481—Dam of
Katie Herr 39970..... 15 lbs. 8½ oz.

Marcella Maid's Pearl 23794—Chippewa 5739, Marcella Maid 13568—Dam of
Sapolio 61082..... 14 lbs. 6 oz.

Marée 6592—Harold of Highland 1890, Mollie Hilands 4180—Dam of
Daisy of Sunnyside 16338..... 15 lbs. 1 oz.

Marilla of St. Lambert 31809—Exile of St. Lambert 13657, Duchess Lurlene 9048—Dam of
May Day 60451..... 16 lbs. 3½ oz.

Martha Hall 40786—Champion's Loyal 12673, Duchess of Dudley 3d 12176—Dam of
Martha Hall 2d 57901..... 14 lbs. 10 oz.

Mary Hinman 17619—Stoke Pogis 5th 5987, Belle Hinman 3641—Dam of
Daisy Hinman 61537..... 24 lbs. 10 oz.

Mary M. Allison 6308—Earl of Willow Glen 2043, Traviata 3253—Dam of
Mary M. Pogis 32455..... 16 lbs. 4½ oz.

Mary M. Pogis 32455—Stoke Pogis 5th 5987, Mary M. Allison 6308—Dam of
Point Lace 62471..... 17 lbs. 8 oz.

Mary's Silver Drop 14235—Dudley 3999, Mary of Bear Lake 6171—Dam of
Mary's Pet 40772..... 15 lbs. 7½ oz.

Mary Wynn 40782—Champion's Son 3286, Ida Imperial 19667—Dam of
Beauty Wynn 45482..... 14 lbs. 14½ oz.

Matilda 3238, imp.—Dam of
Matilda 6th 39290..... 20 lbs. 1 oz.

Matilda 4th 12816—Stoke Pogis 1259, Matilda 3238—Dam of
The Queen's Gift 75186..... 17 lbs. 11 oz.
Matilda of Meridale 57176..... 14 lbs. 14 oz.

Matilda 5th 18068—Duke of Darlington 2460, Matilda 3238—Dam of
Matilda's Matilda 75348..... 14 lbs. 6 oz.

Matinella 32041—Matin's Glory 9135, Matin 7768—Dam of
Garella 62541..... 23 lbs.

Mattie Cole 47911—Count Potoka 9831, Tipsey C. 23147—Dam of
Mattie Tormentor 62841..... 15 lbs. 14½ oz.

Mattie Hunter 19798—Marquis of Bute 3502, Dovie of Linwood 6857—Dam of
Narda 38012..... 15 lbs. 1 oz.

Maud Alice 17001—Colonel Miles 3258, Maud R. C. 6087—Dam of
Maud of Maple View 39511..... 23 lbs. 7½ oz.

Maud of Maple View 39511—Nora's Longfellow 7427, Maud Alice 17001—Dam of
Kaembe's Maud Eurota 91066..... 14 lbs. 2½ oz.

May Bud of St. Lambert 5105—Lord Monck 304, Ierne 1373—Dam of
Pogis' Ida May 50063..... 14 lbs. 11 oz.

May Day Stoke Pogis 28353—Stoke Pogis 3d 2238, May Day of St. Lambert 5109—Dam of
Pomona's May Day Pogis 56249..... 15 lbs. ½ oz.

May of Lakeside 10826—Micawber 4796, Dove 3d 10823—Dam of
V. K.'s May 41929..... 14 lbs. 8 oz.

Melia Ann 5444—Lord Aylmer 1067, Amelia 2d 1730—Dam of
L. D.'s Melia 29087 ..... 20 lbs. 6 oz.
Melia Ann 2d 47464 ..... 18 lbs. 6 oz.

Melia Ann 2d 47464—Lord Darlington 7285, Melia Ann 5444—Dam of
Melia Ann 2d's Pogis 68757 ..... 17 lbs. 1 oz.

Melrose Princess 40343—Prince of Melrose 4819, Southern Belle 18570—Dam of
Melrose Milly 61917 ..... 16 lbs. 2½ oz.

Mercurina 64920—Combination 4389, Modita 16626—Dam of
Caressa 88474 ..... 17 lbs. 6 oz.
Treasure 79200 ..... 17 lbs. 5 oz.

Mette D. 47433—Little Harry 8808, Cora of Linwood 12915—Dam of
Annabel Lee 55833 ..... 22 lbs. 3 oz.

Miami Grace 39392—Chief of the Miamis 2958, Grace Davy 8292—Dam of
Grace's Pride 61018 ..... 15 lbs. 7 oz.

Minerva of Canterbury 12130—Velpeau 2146, Natali's Daughter 7540—Dam of
Lilium Excelsum 24945 ..... 17 lbs. ½ oz.

Minette of St. Lambert 9774—Stoke Pogis 3d 2238, May Day of St. Lambert 5109—Dam of
Princess Minette 24042 ..... 18 lbs. 6½ oz.

Minnie B. Rex 9256—Rex 1330, Patty Baker 2529—Dam of
Lady of Bay View 66029 ..... 16 lbs. 12 oz.

Minnie C. 29003—Summers' Duke 13959, Pansy E. 23407—Dam of
Minnie C. 2d 48414 ..... 16 lbs. 14 oz.

Minnie of Oxford 2d 12818—Stoke Pogis 5th 5987, Minnie of Oxford 12806—Dam of
Minnie Rioter 21336 ..... 15 lbs. 10 oz.

Minnie Rioter 21336—Greatorex 4218, Minnie of Oxford 2d 12818—Dam of
Minnie R. of St. Lambert 61965 ..... 16 lbs. 9 oz.

Minnie Sayre 16006—Statesman 2407, Sister K. 2d 10468—Dam of
Rosa of Frisby Hill 36080 ..... 16 lbs. 3¼ oz.

Minto Fay 27705—Stand Point 7th 7929, Lady Rositta 27701—Dam of
Daisy-Seeker 43099 ..... 14 lbs. 1 oz.

Miss Clifford 27962—Gold Rope 6139, Jessie Benton 11183—Dam of
Miss Clifford 3d 63360 ..... 15 lbs. 2½ oz.
Miss Clifford 5th 63364 ..... 14 lbs. 7 oz.

Miss Flite of Bingo 31000—Bellzora 7212, Princess of Mansfield 8070—Dam of
Marno B. 56368 ..... 16 lbs. 10 oz.

Miss Limited 37620—Jack May 5549, Lizzie R. 28252—Dam of
Limited Pedro 56382 ..... 21 lbs. 7 oz.

Miss Lofty 9718—Duke of Mansfield 2277, Belle of Brooklyn 9493—Dam of
Dame Lofty 47567 ..... 15 lbs. 10 oz.

Miss Loyal 40771—Champion's Loyal 12673, Clarencia 3d 26835—Dam of
Miss Montague 57927 ..... 14 lbs.

Miss Madrid 49419—Combination 2d 16957, Period 42640—Dam of
Paradox 65003..... 16 lbs. 9 oz.

Miss Nellie Parker 24988—Perrot (P. S. 342 J. H. B.), Lass Nellie 24012—Dam of
Nellie Hugo 53793..... 20 lbs.
Gipsy Pogis 35422..... 18 lbs. 7 oz.

Miss Peggotty 14593—Eastern Flash 3618, Princess of Mansfield 8070—Dam of
Belle of Rydal Grange 41787..... 16 lbs. 6 oz.

Miss Rollo 21579—Rollo (P. S. 212 J. H. B.), Philippa (F. S. 1665 J. H. B.)—Dam of
Ida's Fawn 56018..... 16 lbs. 1½ oz.

Mistle 26125—Nero du Coin (P. S. 463 J. H. B.), Mist 26087—Dam of
Oonamistle 64469..... 15 lbs. 4 oz.

Mocha 2d 4881—Mount Peter 1320, Mocha 1921—Dam of
Seneca's Mocha 23355..... 20 lbs. 3 oz.

Mocha's Pet 12985—Pure Gold 1487, Mocha 2d 4881—Dam of
Mocha's Pet's Rheta 37529..... 14 lbs. 2½ oz.

Modita 16626—Tony Calypso 3354, Laura Lee 8550—Dam of
Daretta 62579..... 16 lbs. 8 oz.

Mollie Dickey 2d 18704—George Handy 4830, Mollie Dickey 10349—Dam of
Lady White 29213..... 14 lbs. 14¾ oz.

Mollie Garfield 2d 18662—Judge Mayo 5149, Mollie Garfield 12172—Dam of
Mollie of St. Lambert 34644..... 15 lbs. 4 oz.

Mona of Woodstock 6914—Dash of Glastonbury 1959, Daze 2524—Dam of
Mona's Mab 31524..... 15 lbs. 7 oz.

Moyane 21595—Progress 2d (P. S. 298 J. H. B.), Tonic (F. S. 3804 J. H. B.)—Dam of
Violet Denison 49997..... 14 lbs. 13½ oz.

Mrs. Knickerbocker 19367—Bingo 1811, Miss Beauty 4053—Dam of
Miss Bingo 80096..... 24 lbs. 12 oz.

Muriel 4th 17146—Lenape 2732, Muriel 3904—Dam of
Rita of Andalusia 29414..... 24 lbs. 1 oz.

My Alpha 16892—Chief of Mad River Valley 2934, Jennie Swift 2d 6644—Dam of
Ida's Alpha 64536..... 15 lbs. 10 oz.

Mysinda 27133—Signalda 4027, Mirtha 3437—Dam of
Mysinda 2d 42250..... 18 lbs. 8 oz.

Mysinda 2d 42250—Ida's Stoke Pogis 13658, Mysinda 27133—Dam of
Ida's Mysinda 64868..... 16 lbs. 11 oz.

Nal Day 26553—Signalda 2d 6748, Nan Day 17192—Dam of
Beauty of Oakland 45009..... 17 lbs. 1 oz.

Nancy of St. Lambert 12964—Stoke Pogis 3d 2238, Lucy of St. Lambert 5116—Dam of
St. Lambert's Nancy 56503..... 18 lbs. 7 oz

Narda 38012—Tormentor 3533, Mattie Hunter 19798—Dam of
Heritage 50077..... 15 lbs. 15 oz.

Nattie 26842—Invincible 5510, Natica 12024—Dam of
Etta of Bay View 66028..... 22 lbs. 13 oz.

Nellie B. Parks 29264—Quechee Prince 2403, Flora Parks 15436—Dam of
Lena Stoke Pogis 39756..... 18 lbs. 8 oz.

Nellie of Cedar Glen 10949—Fitz 1988, Nellie Parks 3766—Dam of
Nelope Pedro 50879..... 15 lbs. 4 oz.

Nell Pogis 31991—Litchfield of Lee Farm 8414, Nell of St. Lambert 27959—Dam of
Sister of Charity 62453..... 24 lbs. 14½ oz.

Nelope Pedro 50879—King Peto 10541, Nellie of Cedar Glen 10949—Dam of
Lillie Victor Pogis 85471..... 14 lbs. 4 oz.

Nerissa (F. S. 2641 J. H. B.)—Dam of
Grey Friar's Bess 25128..... 22 lbs.

Nervine 25932—Tisquantum (P. S. 262 J. H. B.), La Rouge (P. S. 45 J. H. B.)—Dam of
Nerviona 43678..... 14 lbs. 15 oz.

Nerviona 43678—Catonoson 9667, Nervine 25932—Dam of
Romp's Nervilette 72282..... 17 lbs. 10 oz.
Mayhegtal 64454..... 16 lbs. 3 oz.

Nina 2d 2557—Diogenes 277, Nina 955—Dam of
Pedronina 34803..... 21 lbs. 3 oz.

Niobe Hampton 5343—Hampton Duke 1355, Niobe 4th 509—Dam of
Blossom's Niobe 13855..... 16 lbs. 7½ oz.

Nutley Dolores 13797—Tommy (P. S. 249 J. H. B.), Nutley Alma 13581—Dam of
Proctor's Alma Dolores 47107..... 23 lbs. 9 oz.

Nutley Silverette 22410—Nutley's Favorite 5132, Nutley Silver 13591—Dam of
Nutley St. Lambert 58469..... 16 lbs. 8 oz.

Nutshell 10326—Duke of Darlington 2460, Nellie Darlington 5956—Dam of
Nutshell 2d 50962..... 19 lbs. 2 oz.

Oaklands Nora 14880—Lorne 5248, Pet of St. Lambert 5123—Dam of
Oaklands Nora 2d 45967..... 19 lbs. 1 oz.
Meridale Oaklands Nora 64785..... 15 lbs. 1 oz.
Nora Pogis 75345..... 14 lbs. 9 oz.

Obella 5080—Nutshell 729, Florimel 3725—Dam of
Louise Obella 37060..... 17 lbs. 12 oz.

Odette 13668—Murphy 4115, Brunette Queen 2d 13661—Dam of
Yum Yum Signal 40688..... 16 lbs. 7 oz.

Olie's Lady Teazle 12307—Nero Chief 2d 4217, Olie's May Bell 6567—Dam of
Felsticea 17083..... 16 lbs. 3 oz.

Clive E. 16032—Southville Boy 4271, Abbie Z. 4th 14743—Dam of
Dolly Bond 82662..... 18 lbs. 3 oz.

Olo H. 14455—Clusius H. 5781, Ionia H. 12333—Dam of
Olga H. 60619..... 15 lbs. 4 oz.

Oneida 42100—Combination 4389, Doe 3061—Dam of
Oneida 2d 43553..... 14 lbs. 14½ oz.

Oneida 2d 43553—Combination 3d 17576, Oneida 42100—Dam of
Onwa 59628..... 16 lbs. 5 oz.

Oonan's Jeannette 45616—Oonan's Rajah 8965, Lady Jeannette of St. James 12054—Dam of
Jeannette Geranium 61023..... 14 lbs. 4 oz.

Orange Twig 11796—Magnetic 1428, Manna-rain 4181—Dam of
Lemon Twig 42028..... 17 lbs. 4 oz.

Orphan Duchess 4th 29006—Albert Pansy 8396, Orphan Duchess 4519—Dam of
Julia Tyre 45187..... 14 lbs. 6 oz.

Palestine's Last Daughter 12602—Pierrot 7th 1667, Palestine 26—Dam of
Acme's Bonnie Bess 31509..... 14 lbs. 5 oz.

Pansy McGrew 26993—Baron de Alphea 5411, Queen of the Miamis 6793—Dam of
Darling Pansy 44830..... 15 lbs. 1 oz.

Pansy of Bingo Farm 41784—Pickwick 3985, Violet of Bingo Farm 41783—Dam of
Jonquil of Bingo Farm 41786..... 19 lbs. 3 oz.

Patty Polonius 14016—Berlin 4507, Patty Baker 2529—Dam of
Patty Polonius 3d 38677..... 16 lbs. 10 oz.

Pauline 3d 8296—Lord Lisgar 1066, Pauline 494—Dam of
Pauletta Pogis 39273..... 17 lbs. 12 oz.

Pearl's Lemon 41646—Young Jupiter 12157, Pearl of Warsaw 30543—Dam of
Lemon's Flossie 71214..... 14 lbs. 1¾ oz.

Pearl's Oonan 32288—Oonan's Rajah 8965, Pearl Button 10372—Dam of
Pearl's Oonan 2d 86105..... 15 lbs. 1 oz.

Peony of St. Lambert 56501—Canada's John Bull 8388, Lord Fife's Joliette 30591—Dam of
Heiress of St. Lambert 56507..... 16 lbs. 13½ oz.

Period 42640—Combination 4389, Coma 29330—Dam of
Miss Madrid 49419..... 14 lbs. 11 oz.

Pertinaxia 28300—Pertinax 1965, Daisy Burns 13773—Dam of
Pertinette 70348..... 14 lbs.

Pet of Wildwood 33395—Phœbus of Riverview 10119, Zenitza 19190—Dam of
Harry's Pet 52838..... 22 lbs. 11 oz.

Petura 28775—Earl of Franklin 6449, Jennie Crump 11718—Dam of
Itura 61090..... 14 lbs. 14 oz.

Philena's Pet 31296—Alexandre's Farmer's Glory 7323, Mab of Deerfoot 4th 15351—Dam of
Sadie's Delight 53392..... 14 lbs. 12 oz.

Philine of Linden 2d 68319—Pomona's Lemon 13987, Philine of Linden 16685—Dam of
Philena of Briarcliff 68938..... 15 lbs. 15½ oz.

Phlox 3d 31882—Toltec 6831, Phlox 16399—Dam of
Fancy Phlox 49652..... 14 lbs. 3 oz.

Pilot's St. Jeannaise 25089—Excelsior (P. S. 300 J. H. B.), Chestnut Farm Buttercup (F. S. 3894 J. H. B.)—Dam of
Princess Jeannaise 53863..... 15 lbs. 12 oz.

Pinkey Spry 18316—Tormentor 3533, Varinka 3838—Dam of
Early Morn 50661..... 14 lbs. 12 oz.

Pocia of Andalusia 62616—Boss of the Cedars 17712, Princess of Ashantee 4th 26307—Dam of
Pocia of Andalusia 2d 79548..... 21 lbs. 7½ oz.

Pogis' Dewdrop 40373—Prince of Melrose 2d 11015, Dewdrop Pansy 19736—Dam of
Amelia Pogis 53796..... 16 lbs. 14 oz.

Pogis' May 26950—Stoke Pogis 5th 5987, Lottie May 17201—Dam of
Pogis' May's Pride 58577..... 15 lbs. 2 oz.

Pomona 2560—Fancy Joe 298, Flora 1044—Dam of
Maud Drew 38522..... 17 lbs. 12 oz.

Praxilla 31677—Signalda 4027, Cupid of St Lambert 5104—Dam of
Praxitella 50072..... 14 lbs. 4 oz.

Pridalia 17249—Minx 3410, Pride of the Hill 4877—Dam of
May of Edgewood 74825..... 18 lbs. 2 oz.
Dolly of Edgewood 83345..... 15 lbs. 4 oz.

Pride of Willimantic 13557—Duke of Mansfield 2277, Belle of Brooklyn 9493—Dam of
Lulu of Riverside 19175..... 17 lbs.

Princess Chrysantha 34191—Prince Pogis 10682, Chrysantha 23465—Dam of
Howdy 55119..... 15 lbs. 3½ oz.

Princess Honor 31805—Black Prince of Linden 9063, Khedive's Primrose 18213—Dam of
Princess Honoria 62548..... 16 lbs. 8 oz.

Princess of Ashantee 4th 26307—King Koffee 5522, Princess of Ashantee 13467—Dam of
Pocia of Andalusia 62616..... 20 lbs. 15 oz.

Princess of Mansfield 8070—Pierrot 2d 1669, Flirt 482—Dam of
Foolish 64069..... 17 lbs. ½ oz.

Printonette 26121—Augerez' King (F. S. 380 J. H. B.), Printonnière 26086—Dam of
Nettie Signal 37837..... 18 lbs. 8 oz.

Printonnière 26086 (F. S. 4738 J. H. B.)—Dam of
Zélie de Lussan 48681..... 20 lbs. 7 oz.
Printonette 26121..... 14 lbs. 8 oz.

Puss Lurlene 21461—Prince of Genesee 4222, Duchess Lurlene 9048—Dam of
Jennie Stoke Pogis 32010..... 15 lbs. 10¾ oz.
Exile's Dell 67533..... 14 lbs. 10¼ oz.

Quailona 31492—Catono 3761, Quail 5895—Dam of
May Koffee 45862..... 15 lbs. 5½ oz.

Queen Alexis 33363—Allolah 10676, Katydidn't 2d 20191—Dam of
Dinah Alexis 69345..... 14 lbs. 8 oz.

Queen Dodona 42375—Gambetta M. 10012, Dodona 4800—Dam of
Gracie A. 54524..... 15 lbs. 4 oz.

Queen of Clinton 11500—Noble 901, Queen of Sidney 11492—Dam of
Ida of Clinton 25419..... 15 lbs. 14 oz.

Queen of Sidney 11492—Noble 901, Rosetta of Sidney 4520—Dam of
Queen of Clinton 11500..... 15 lbs. 8 oz.

Queen of the Miamis 6793—Mr. Guppy 993, Hazalena 3275—Dam of
Margaret of Lagonda 35127..... 14 lbs. 4 oz.

Rather Pretty (F. S. 5933 J. H. B.)—Dam of
Very Pretty 29184..... 15 lbs. 2 oz.

Regina 4th 12732—Pasha (P. S. 64 J. H. B.), Regina (F. S. 32 J. H. B.)—Dam of
Gilded Queen 42029..... 14 lbs. 9½ oz.

Rho A. Pogis 39269—Stoke Pogis 5th 5987, Rho A. 16950—Dam of
Snow Bank 75184..... 16 lbs. 7 oz.

Ribbon of St. Lambert 39450—Ida's Rioter of St. L. 13656, Ribbon's Fawn 26907—Dam of
Ribbon's Matilda 66109..... 16 lbs. 4 oz.

Ribbon's Fawn 26907—Adam Orris 7355, Ribbon 2d 14915—Dam of
Ribbon of St. Lambert 39450..... 18 lbs. 2 oz.

Rinora Pogis 40107—Brier's Pogis 14163, Rioter's Nora 21778—Dam of
Nora of Glen Rouge 69452..... 16 lbs. 13 oz.

Rioter Butterstamp 46088—Louis of St. Lambert 11013, Butterstamp Lass 19517—Dam of
Butterstamp Pedro 56383..... 14 lbs. 8 oz.

Rioter Carlotta 29667—Lord of Mountain Side 7111, Butterstamp Lass 19517—Dam of
Cleora of Cornwall 63408..... 18 lbs. 8 oz.

Rioter's Daisy M. 35374—Oxford Rioter 5992, Daisy Morrison 14035—Dam of
Victor's Matilda 46834..... 14 lbs. 6 oz.

Rioter's Zoe 19769—Stoke Pogis 5th 5987, Golden Zoe 3975—Dam of
Experience 62458..... 22 lbs. 13 oz.

Riotress 28062—King Rioter 6075, Anna Clapp 10510—Dam of
Riotress 3d 63166..... 17 lbs. 3½ oz.

Robinette 7114—Domino of Darlington 2459, Rachel Ray 1754—Dam of
Robinella 63132..... 15 lbs. 14 oz.

Romping Lass 11021—Tormentor 3533, Romp Ogden 3d 5458—Dam of
Romping Lass 2d 51989... ..... 21 lbs. 12 oz.

Rosabel Hudson 5704—Oneco 918, Arabel Hudson 2877—Dam of
Rhoda Hudson 48723..... 14 lbs. 4 oz.

Rosa F. W. 13226—Duke F. 6134, Rose F. 2d 13224—Dam of
Rosa Ramsey 25875..... 15 lbs. 1 oz.

Rosa of Belle Vue 6954, imp.—Dam of
Princess Malita 66676..... 20 lbs. 8¾ oz.

Rosa's May Bud 47931—Coritem 13511, Rosa 5th 6577—Dam of
Exile's Rosa 66552..... ..... 14 lbs. ½ oz.

Rosette of St. Lambert 5108—Lord Lisgar 1066, Victoria 411—Dam of
Kitty of St. Lambert 6637..... 16 lbs. 11 oz.

Royal Daisy 25214—Yellow Boy 6381, Mary M. Allison 6308—Dam of
Royal Bomba's Daisy 35996..... 21 lbs. 5½ oz.

Royalist's Daisy 19187—Royalist 2d 3791, Fairy of Forest City 4th 16260—Dam of
Rescue of St. Lambert 48939..... 16 lbs. 8 oz.

Rubano's Valentine 54703—Rubano 8806, Valentine of Trinity 7460—Dam of
Star's Valentine 81778..... 16 lbs. 2 oz.

Ruby 787, imp.—Dam of
Alabama 7690..... 15 lbs. 11 oz.

Sadie R. 34813—Prince Pedro 10588, Lillian R. 29661—Dam of
Sadie R. 3d 83729..... 15 lbs. 14 oz.

St. Albans' Valentine 41707—Duke of St. Albans 11234, Valentine of Trinity 7460—Dam of
Ruby's Valentine 81780..... 14 lbs. 7 oz.

St. John's Daisy 28388—St. John (P. S. 316 J. H. B.), Letacq Bess—Dam of
Paola Stoke Pogis 34691..... 23 lbs.
Exile's Bessie 49985..... 18 lbs. 12½ oz.
Exile's May 52765..... ..... 15 lbs. 4¼ oz.

St. Lambert's Coquette 41070—Diana's Rioter 10481, Coquette of Glen Rouge 17559—Dam of
Meridale Coquette 64535..... 17 lbs.
Pomona's Coquette 52832..... 14 lbs. 10 oz.

St. Lambert's Nancy 56503—Canada's John Bull 8388, Nancy of St. Lambert 12964—Dam of
Nan of St. Lambert 69453..... 15 lbs. 9 oz.

St. Lambert's Violet 25278—Stunner 9679, Lily of St. Lambert 5120—Dam of
Queen of Pomona 56250..... 16 lbs. 6 oz.

Saint Maggie 30363—Aristocrat 8064, Maggie Morton 4th 14936—Dam of
Exile's Fawn 40979..... 15 lbs. 10 oz.

Saucylip 18574—Lord Longford 3997, Sunny South 6830—Dam of
Saucy Princess 40350..... 15 lbs. 11 oz

Saugus Lass 30542—Lord Darlington 7285, Young Bosdet's Rose 20067—Dam of

Young Lass 67471..... 17 lbs. 3½ oz.
Patona 55117..... 16 lbs. 14½ oz.

Sayda 3d 17317—Prince of M. 2d 5507, Sayda 4400—Dam of

Sayda M. 46195..... 22 lbs. 11½ oz.

Shekel of Gold 25169—Carnival 5110, Fleece 18568—Dam of

Douskha 63439..... 15 lbs. 5¾ oz.

Shiloh Daughter 20378—Chatelaine's Dayton 5311, Amber of Cottage Grove 14225—Dam of

Wanderer's Shiloh 65942..... 15 lbs.

Sigmotto 34939—Signally Signal 8875, Motto Pansy 18413—Dam of

Miamotto 48691..... 16 lbs.

Signalda Bloomfield 30694—Signalda 4027, Duchess of Bloomfield 3d 15580—Dam of

Méprise Bloomfield 50062..... 14 lbs. 14 oz.

Signal Emblem 39473—Chief of the Miamis 2958, Embla Brick 15690—Dam of

Allie's Emblem 45620..... 20 lbs.

Signalette 14877—Milkboy 2844, Fanny Taylor 6714—Dam of

Lette Signal 26823..... 17 lbs. 2½ oz.

Signalia 5303—Signal 1170, Maiden of Jersey 2736—Dam of

Sedate 11119..... 18 lbs. 13 oz.

Signal Mine 20832—Croton Maid's Duke 6658, Fayette Girl 13004—Dam of

Signal Mine 2d 60789..... 17 lbs. 9½ oz.

Signal Pomona 28398—Signal Jupiter 8703, Pomona 2560—Dam of

Susa Drew 38521..... 21 lbs. 1 oz.
Signal Duke's Creamer 60812..... 14 lbs. 7 oz.

Signal's Lily Flagg 31035—Georgian 6073, Little Nan 15895—Dam of

Signilla M. 55830..... 21 lbs. 4 oz.
Jennie Fordyce 57169..... 15 lbs. 5½ oz.

Signal's Ripple 27093—Allegany Signal 10178, Gardiner's Ripple 11693—Dam of

Signal's Ripple 4th 64862..... 16 lbs. 10¼ oz.

Signet of Linwood 40423—Tormentor Jr. 15005, Signaline of Linwood 29026—Dam of

Signet's Fancy 58446..... 14 lbs. 11 oz.

Signodelle 27132—Signalda 4027, Odelle Sales 15564—Dam of

Signodelle 3d 50067..... 17 lbs. 1½ oz.

Sigrianna 34941—Signal Rioter 9411, Prim Rosanna 25185—Dam of

Nienchen 48698..... 14 lbs. 4 oz.

Silistria 20264, imp. (F. S. 4244 J H. B.)—Dam of

Harriet Neptune 52344..... 18 lbs. 6½ oz.

Silken Les Cateaux 23431—Silkbeard 4044, Les Cateaux 2d 15538—Dam of

St L.'s Silken Les Cateaux 61964..... 21 lbs. 12 oz.

Silver Cloudlet 22710—Forget-me-not 6291, Normanville Silver Cloud (F. S. 3387 J. H. B.)—Dam of
Marion Hill 40777..... 15 lbs. 1 oz.

Silverhair of C. 19668—Gold Rope 6139, Mary's Silver Drop 14235—Dam of
Silver Steletho 40765..... 18 lbs. ½ oz.
Silver Montague 45475..... 16 lbs. 10 oz.

Sirona 27128—Signalda 4027, Signalinea 16336—Dam of
Signalona 72105..... 14 lbs. 3 oz.

Sirona 2d 38011—Tormentor 3533, Sirona 27128—Dam of
Sasanda 50075..... 16 lbs. 4 oz.
Sorina 42993..... 15 lbs. 11 oz.

Siva 24508—Argo 3737, Jacinder 10693—Dam of
Peasant 65401..... 21 lbs. 15½ oz.

Solava 20928—Signalda 4027, Odelle Sales 15564—Dam of
Tortilla 55528..... 15 lbs. 3 oz.

Southern Belle 18570—Lord Longford 3997, Romp Ogden 2d 4764—Dam of
Belle Melrose 61920..... 17 lbs. 1½ oz.

Southern Pet 26675—Alpheus of Springvale 5645, Lady Alice of Hillcrest 7450—Dam of
Hugo's Joie de Vie 40372..... 24 lbs. 5 oz.

Sparks 41041—Combination 4389, Romp Lawrence 13819—Dam of
Sparkle 56775..... 17 lbs. 3 oz.

Stella's Pride 16855—William Stub 6588, Maid of the Valley 16556—Dam of
Proctor's Belle 47106..... 16 lbs. 4 oz.

Stoke Pogis' Violetta 32684—Stoke Pogis 5th 5987, Violet 3d 3240—Dam of
Pomona's Violetta Pogis 56246..... 16 lbs. 7 oz.

Success of St. Lambert 28489—Sir George of St. Lambert 6036, Success 8782—Dam of
Exile's Belle 40524..... 32 lbs. 6 oz.

Sudie Mac 24202—Coke Chief 5054, Lady Ella's Daughter 10822—Dam of
Sudie St. Helier 40235..... 18 lbs. 9 oz.

Su Lu 4705—Rioter 670, Angela 1682—Dam of
Tormentor's Su Lu 54943..... 14 lbs. 13 oz.

Sunny Girl 26276—Carnival 5110, Sunny South 6830—Dam of
Sunny Pogis 61919..... 15 lbs. 3½ oz.

Susa Drew 38521—Cattaraugus Chief 6026, Signal Pomona 28398—Dam of
Susa's Darling 44915..... 15 lbs. 12 oz.

Susie B. of Springvale 24986—Jersey King 9458, Atlanta 2d 24011—Dam of
Susie Pogis 35425..... 16 lbs. 9 oz.

Susie Pogis 35425—Prince of Melrose 2d 11015, Susie B. of Springvale 24986—Dam of
Hugo's Golden Sheen 61804..... 17 lbs. 9 oz.

Sweet Blossom Pogis 36995—Stoke Pogis 5th 5987, Blossom of Prospect 18627—Dam of
Helpmeet 62459..... 17 lbs. 15½ oz.

Sweets 7891—Cash Boy 2248, Andrews' Sylvia 4107—Dam of
June Sweets 59978..... 14 lbs. 8½ oz.

Sylvia Perrot 30963—Perrot (P. S. 342 J. H. B.), Chestnut Farm Sylvia 25022—Dam of
Tuäa Perrot 46357..... 19 lbs. 5½ oz.

Talasse 41315—Lorelle's Duke 10175, Ethel Newcome 6833—Dam of
Talaney 69361..... 15 lbs. 3 oz.

Tancreda 7938—Tancred 501, Lady Robin 1119—Dam of
Tancreda Signal 27789..... 21 lbs. 8½ oz.

Temalema 44761—Fancy's Harry 9777, Pearl's Oonan 32288—Dam of
Temalema 2d 82411..... 16 lbs. 4 oz.

Tenella 6712—Signal 1170, Alda 3873—Dam of
Sigleonella 70091..... 14 lbs. 8 oz.

Tenie Rex 55085—Col. Rex 12975, Buckeye Pet 19459—Dam of
Dempsey's Beauty 62808..... 14 lbs. 6 oz.

Tesina of Winnikee 46402—Ramapo 4679, Countess Tesa 15418—Dam of
Temisia of Winnikee 46604..... 15 lbs. 3½ oz.

Tette 20802—Gold Basis 4038, Syringa 3d 6778—Dam of
Sœurette 52256..... 17 lbs. 4¾ oz.

The Colonel's Daughter 50230—Colonel Stoke Pogis 18756, Hildmella 22315—Dam of
Matilda Hilda 75346..... 14 lbs. 4 oz.

The Maid's Gem 42750—Signalda 4027, Croton Maid 2d 14525—Dam of
Signal's Bijou 60800..... 15 lbs. 1½ oz.

Thorndale Belle 5265—Barney 1491, Lena Lewis 3735—Dam of
Thorndale Belle 6th 44885..... 15 lbs.

Tilda of Brookside 10871—Earl of Brookside 1677, Tilda 3720—Dam of
Tilda Ives 17707..... 15 lbs.

Tillie Meysenburg 23148—Top-Sawyer 1404, Golden Eye 4407—Dam of
Little Mistiss 62849..... 14 lbs. 3 oz.

Tillie Thorn 24082—Rothschild 3920, Mary's Gold Drop 4641—Dam of
Thornleaf 39969..... 15 lbs. 12 oz.

Tolteca 44762—Toltec 6831, Duke's Signal Queen 32323—Dam of
Lucy Lee II. 58106..... 14 lbs. 15½ oz.

Toltec's Alice 31885—Toltec 6831, Sweet Alice 6402—Dam of
Alice of Clovernook 77532..... 15 lbs. 3 oz.

Tormentor's Bloomfield 55530—Tormentor 3533, Signalda Bloomfield 30694—Dam of
Tormendova 74885..... 16 lbs. 8 oz.

Tormentor's Daisy 52496—Denise's Tormentor 11823, Dolly of Riverside 32944—Dam of
Daisette 64004..... 17 lbs. 1 oz.

Tormentor's Nan 42251—Tormentor 3533, Rioter's Nan 31674—Dam of
Toltec's Nan 70199..... 14 lbs.

Tower View Princess 22595—Dido (P. S. 251 J. H. B.), Tower View (F. S. 3643 J. H. B.)—Dam of
Tower View Princess 2d 87452..... 17 lbs. 12½ oz.

Tuäa Perrot 46357—Thotmes 17157, Sylvia Perrot 30963—Dam of
Tuäa St. Lambert 59992 .. .. 17 lbs. 7½ oz.

Usilda's Pride 13921—Oriflamme 2559, Usilda 3d 7375—Dam of
Matina of Riverside 51783..... 20 lbs. 12 oz.
Girletta 61472..... 15 lbs. 14 oz.

Vail's Pet 12092—Don Hubert 4282, Vail's Ermine 12083—Dam of
Duke of St. L.'s Vail's Pet 61970..... 14 lbs. 3 oz.

Valentine of Trinity 7460—Duke (P. S. 76 J. H. B.), Dam on I. of J.—Dam of
St. Albans' Valentine 41707..... 22 lbs. 6 oz.
Rubano's Valentine 54703..... 20 lbs. 3 oz.

Valeur's Winnie 20007—Island Valeur 5514, Winnie Bronx 11937—Dam of
Leurona 43271..... 14 lbs. 11 oz.

Vaniah 6th 48126—Diana's Rioter 10481, Vaniah 6597—Dam of
Vaniah of St. Lambert 71374.... ..... 15 lbs.

Varinka 3838—Mandarin 1041, Bathsheba 2556—Dam of
Pinkey Spry 18316..... 16 lbs. 12 oz.

Vernon Beauty 50687—Gambetta M. 10012, Tahoma of Linesville 15440—Dam of
Vernon Dolly 52284..... ..... 21 lbs.
Esclarmonde 59509..... 17 lbs. 4 oz.

Very Pretty 29184—Lemon Peel's Duke (P. S. 479 J. H. B.), Rather Pretty (F. S. 5933 J. H. B.)—Dam of
Shanenalawn 56892..... 18 lbs. 5 oz.

Wandrina 44939—Howard Signal 12664, Signalda's Gem 34424—Dam of
Wandrina 2d 82420 ..... 15 lbs. 9½ oz.

Weetamoe 5428—Heliero 478, Decca 2d 2461—Dam of
Lady Grace of Upholme 39569..... 18 lbs. 4 oz.

Wilda 21205—Hopedall 1976, Monada 4782—Dam of
Dilwa 30515..... 15 lbs. 10 oz.

Wilson's Beauty 27671—Priceless 7495, Rosa B. 3d 14276—Dam of
Baby Princess 57493..... ..... 14 lbs.

Witch-Hazel 4th 6131—Lord Lawrence 1414, Witch-Hazel 1360—Dam of
Hazel Lee 76864..... ..... 16 lbs. 1½ oz.

Woodland Maid 2d 19666—Cazique 3103, Woodland Maid 8156—Dam of
Joan Montague 40787..... ..... 16 lbs. 1 oz.

Yankee Girl 2d 29261—Catoctin 2692, Yankee Girl 24832—Dam of
Exile's Lulu 49984..... ..... 16 lbs. 2 oz.

Yellow Lass 32603—Yellow Boy 6381, That Lass o' Lowrie's 9128—Dam of
Pretty Patty 44108..... 19 lbs. 1 oz.

Young Floribundus 28172—Theron 5722, Floribundus 2d 14949—Dam of
Young Floribundus 3d 59312..... 19 lbs. 14¾ oz.
Young Floribundus 4th 59314..... 15 lbs. 14 oz.

Young Pedrona 46096—Young Pedro 9033, Milcah D. 30068—Dam of
Lady Pedrona 63173 ..... 14 lbs. 9 oz.

Yum Yum of St. Lambert 39152—Exile of St. Lambert 13657, Floribundus 2d 14949—Dam of
Ko Ko's Allie 59317..... 15 lbs. 8¾ oz.

Zenobia of Springvale 20094—Alpheus of Springvale 5645, Ruby of Springvale 14505—Dam of
Angelina Pogis 40367..... 18 lbs. 13 oz.
Zenobia Pogis 35421..... 15 lbs. 10 oz.

Zinnia 2d 20003—Natty Bumpo 1096, Zinnia 2816—Dam of
Nellie Bunker 52163..... 14 lbs. 4 oz.

BUTTER TESTS FOR LONGER PERIODS THAN SEVEN DAYS.

SIXTEEN DAYS.

Même 34921.—Yield of milk, 453 lbs. 8 oz.; yield of butter, 37 lbs. 5 oz.; test made from March 26 to April 11, 1893; age, 8 years and 3 months; actual weight, 930 lbs.; fed during test, 12 qts. chop and 6 qts. wheat bran, in three feeds, daily, for first four days, 14 qts. chop and 6 qts. wheat bran daily, for the remainder of the time—short pasture; property of Mrs. A. M. Hallock, Columbus, Ohio.

- Même 34921
  - Oonan's Rajah 8965
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3653.
    - Oonan 1485
      - Rajah 340, imp.
      - Omoo 1247, imp.
  - Littalla 19314
    - Valley Jump 6689
      - Doctor Jump 3202.
      - Gem of Sassafras 8434.
    - Emma Mc. 2d 5033
      - Norman 2204.
      - Emma Mc. 4649.

TWENTY-ONE DAYS.

Myrtlise 64006.—Yield of milk, 546 lbs.; yield of butter, 54 lbs. 15½ oz.; test made from Nov. 11 to Dec. 2, 1893; age, 5 years and 2 months; estimated weight, 850 lbs.; fed during test, 294 qts. ground corn and oats, 252 qts. wheat bran, 63 qts. oil meal and 140 qts. beets—timothy hay; property of Charles A. Sweet, Buffalo, N. Y.

- Myrtlise 64006
  - Denise's Tormentor 11823
    - Tormentor 3533
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Denise 8281
      - Top-Sawyer 1404.
      - Lucy 4577.
  - Grace Pansy 2d 18764
    - Smoke Smith 4844
      - Brigand 1899.
      - Selika 1805.
    - Grace Pansy 12156
      - Champion of America 4th 4680.
      - Myrtle Wright 2d 12154.

Lily Garfield 79819.—Yield of milk, 562.7 lbs.; yield of butter, 37.488 lbs.; test made from Sept. 30 to Oct. 20, 1893, at World's Columbian Exposition; age, 2 years; actual weight, 794 lbs.; fed during test, 224.5 lbs. hay, 6 lbs. silage, 63 lbs. oil meal, 93 lbs. corn meal, 138 lbs. bran, 84 lbs. oats, 50.5 lbs. cotton-seed, 42 lbs. middlings and 14 lbs. corn-hearts; property of Est. of Frederick Billings, Woodstock, Vt.

- Lily Garfield 79819
  - Garfield Stoke Pogis 15963
    - Exile of St. Lambert 13657
      - Bachelor of St. Lambert 4558.
      - Allie of St. Lambert 24991.
    - Mollie Garfield 12172
      - Bel Caliph 1432.
      - Maple Dale 2907.
  - Lilley Rex Rioter 48464
    - King Rioter 6075
      - Stoke Pogis 5th 5987.
      - La Petite Belle 12807.
    - Lilley Rex 9852
      - Prince of M. 2811.
      - Lilley Russ 2d 9514.

Jeannette of Pittsford 73185.—Yield of milk, 501.8 lbs.; yield of butter, 29.973 lbs.; test made from Sept. 30 to Oct. 20, 1893, at World's Columbian Exposition; age, 3 years; actual weight, 686 lbs.; fed during test, 195 lbs. hay, 6 lbs. silage, 53.5 lbs. oil meal, 93 lbs. corn meal, 138 lbs. bran, 70 lbs. oats, 43 lbs. cotton-seed, 35 lbs. middlings and 14 lbs. corn-hearts; property of Aaron O. Auten, Jerseyville, Ill.

- Jeannette of Pittsford 73185
  - Doge of St. Lambert 17889
    - Duke of St. Lambert 16160
      - Baron of St. Lambert 5286.
      - Charity of St. Lambert 6638.
    - Charity of St. Lambert 6638
      - Stoke Pogis 3d 2238.
      - Flora of St. Lambert 5526.
  - Duke's Dream 42783
    - Duke of Darlington 2d 6948
      - Duke of Darlington 246.
      - Euphrates 9778.
    - Morning's Dream 2d 38167
      - Christo (P. S. 398 J. H. B.)
      - Morning's Dream 24531 (F. S. 4533 J. H. B.)

Campania 88475.—Yield of milk, 556.7 lbs.; yield of butter, 28.127 lbs.; test made from Sept. 30 to Oct. 20, 1893, at World's Columbian Exposition; age, 3 years; actual weight, 764 lbs.; fed during test, 237.5 lbs. hay, 6 lbs. silage, 55 lbs. oil meal, 93 lbs. corn meal, 134 lbs. bran, 61 lbs. oats, 41.5 lbs. cotton-seed, 42 lbs. middlings and 17 lbs. corn-hearts; property of Richardson Bros., Davenport, Iowa.

- Campania 88475
  - Diploma 16219
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Frankie's Lass 24900
      - Cobden 1871.
      - Frankie 5th 3542.
  - Caressa 88474
    - Upright 6147
      - Boton 4328.
      - Symbol 6136.
    - Mercurina 64920
      - Combination 4389.
      - Modita 16626.

Woodstock Mystery 77746.—Yield of milk, 388.6 lbs.; yield of butter, 26.223 lbs.; test made from Sept. 30 to Oct. 20, 1893, at World's Columbian Exposition; age, 2 years and 2 months; actual weight, 660 lbs.; fed during test, 176 lbs. hay, 6 lbs. silage, 38 lbs. oil meal, 61 lbs. corn meal, 114 lbs. bran, 57 lbs. oats, 24.5 lbs. cotton-seed and 19 lbs. mids.; property of Est. of Frederick Billings, Woodstock, Vt.

- Woodstock Mystery 77746
  - Woodstock Chief 21172
    - Garfie'd Stoke Pogis 15963
      - Exile of St. Lambert 13657.
      - Mollie Garfield 12172.
    - Matin 7768
      - Horace (P. S. 94 J. H. B.)
      - Cigarette (F. S. 1962 J. H. B.)
  - Alrajah's Mystery 48466
    - Alrajah 13157
      - Albert Rex 7724.
      - Hazen's Nora 4791.
    - Gilderoy's Mystery 14732
      - Gilderoy 2107.
      - Mystery 3957.

Iola F. 85529.—Yield of milk, 465.3 lbs.; yield of butter, 25.251 lbs.; test made from Sept. 30 to Oct. 20, 1893, at World's Columbian Exposition; age, 2 years and 2 months; actual weight, 711 lbs.; fed during test, 202 lbs. hay, 6 lbs. silage, 42 lbs. oil meal, 77 lbs. corn meal, 126 lbs. bran, 84 lbs. oats, 35 lbs. cotton-seed, 21 lbs. middlings and 7 lbs. corn-hearts; property of E. W. Fairman, Brodhead, Wis.

- Iola F. 85529
  - Gold of St. Lambert 16744
    - Lord Lisgar 2d 13930
      - Lord Lisgar 1066.
      - Buttercup Stephens 9377
    - Cora of St. Lambert 8347
      - Stoke Pogis 3d 2238.
      - Lucy of St. Lambert 5116.
  - Iversnaid 8978
    - Brown Prince 2583
      - Jason of Deerfoot 1636.
      - Lilly Parks 3764.
    - Hope Henshaw 5836
      - North Atlantic 1887.
      - White Rose 3771.

Elturia 80701.—Yield of milk, 483.4 lbs.; yield of butter, 24.137 lbs.; test made from Sept. 30 to Oct. 20, 1893, at World's Columbian Exposition; age, 2 years and 11 months; actual weight, 830 lbs.; fed during test, 235.5 lbs. hay, 6 lbs. silage, 55 lbs. oil meal, 72 lbs. corn meal, 117 lbs. bran, 63 lbs. oats, 38 lbs. cotton-seed, 59 lbs. middlings and 26 lbs. corn-hearts; property of Richardson Bros., Davenport, Iowa.

- Elturia 80701
  - Diploma 16219
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Frankie's Lass 24900
      - Cobden 1871.
      - Frankie 5th 3542.
  - Paradox 65003
    - Upright 6147
      - Boton 4328.
      - Symbol 6136.
    - Miss Madrid 49419
      - Combination 2d 16957.
      - Period 42640.

Woodstock Lady 80619.—Yield of milk, 398.1 lbs.; yield of butter, 23.027 lbs.; test made from Sept. 30 to Oct. 20, 1893, at World's Columbian Exposition; age, 2 years and 2 months; actual weight, 691 lbs.; fed during test, 201 lbs. hay, 6 lbs. silage, 42 lbs. oil meal, 84 lbs. corn meal, 126 lbs. bran, 63 lbs. oats, 42 lbs. cotton-seed and 42 lbs. middlings; property of Est. of Frederick Billings, Woodstock, Vt.

- Woodstock Lady 80619
  - Woodstock Chief 21172.
    - Garfield Stoke Pogis 15963
      - Exile of St. Lambert 13657.
      - Mollie Garfield 12172.
    - Matin 7768
      - Horace (P. S. 94 J. H. B.)
      - Cigarette (F. S. 1962 J. H. B.)
  - Lady Jane of St. Peter's 7475
    - On I. of J.
    - Matin (F. S. 1629 J. H. B.)

THIRTY DAYS.

Exile's Belle 40524.—Yield of milk, 902 lbs. 8 oz.; yield of butter, 122 lbs. 6½ oz.; test made from July 12 to Aug. 11, 1891; age, 4 years and 11 months at end of test; actual weight, 1030 lbs.; fed during test, 960 qts. of grain (mixture of corn meal, cotton-seed meal, fine feed, bran and ground oats) and 600 lbs. of hay; property of A. D. McBride, Rochester, N. Y.

- Exile's Belle 40524...
  - Exile of St. Lambert 13657.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991.....
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Success of St. Lambert 28489.....
    - Sir George of St. Lambert 6036.....
      - Stoke Pogis 3d 2238.
      - Pride of Windsor 883, imp.
    - Success 8782.....
      - Bluetooth 1821.
      - May Celestia 6048.

Brown Bessie 74997.—Yield of milk, 1134.6 lbs.; yield of butter, 72.235 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 8 years and 5 months; actual weight, 1026 lbs.; fed during test, 411.4 lbs. hay, 87 lbs. oil meal, 112 lbs. silage, 41 lbs. corn meal, 202 lbs. bran, 116 lbs. oats, 183 lbs. corn-hearts, 54.5 lbs. cotton-seed, 58 lbs. middlings, 18 lbs. carrots and 6 lbs. old hay; property of C. I. Hood, Lowell, Mass.

- Brown Bessie 74997 ..
  - Volco 7890.....
    - Solid Duke of Framingham 5353.....
      - Glue 3960.
      - Bonita Duke 10640.
    - Caltharine 13679.....
      - Ben Weston 3111.
      - Caltha's Jewel 7567.
  - Brown Flora 74996 .....
    - Combination 4389.....
      - Polonius 2513.
      - Lady Mel 429.
    - Beauty of Cloverside 18608.....
      - Prince Hal 2326.
      - Alcina 6394.

Merry Maiden 64949.—Yield of milk, 965 lbs.; yield of butter, 66.695 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 5 years; actual weight, 946 lbs.; fed during test, 418 lbs. hay, 89.5 lbs. oil meal, 112 lbs. silage, 179 lbs. bran, 90 lbs. oats, 210 lbs. corn-hearts, 45 lbs. cotton-seed, 30 lbs. middlings, 18 lbs. carrots and 6 lbs. old hay; property of C. I. Hood, Lowell, Mass.

- Merry Maiden 64949..
  - Diploma 16219.....
    - Combination 4389.....
      - Polonius 2513.
      - Lady Mel 429.
    - Frankie's Lass 24900 ...
      - Cobden 1871.
      - Frankie 5th 3542.
  - Costa Rica 64570 .....
    - Upright 6147.....
      - Boton 4328.
      - Symbol 6136.
    - Modita 16626.....
      - Tony Calypso 3354.
      - Laura Lee 8550.

Leonetta H. 67514.—Yield of milk, 814 lbs. 12 oz.; yield of butter, 62 lbs. 3 oz.; test made from Nov. 28 to Dec. 28, 1893; age, 4 years and 9 months; estimated weight, 920 lbs.; fed during test, 216 qts. corn meal, 108 qts. wheat and oats ground together and 36 qts. oil meal—4 qts. daily of cut, raw potatoes, no pasture; property of E. C. Newton, Hudson, Ohio.

- Leonetta H. 67514....
  - Tamy's Rioter 15288 ...
    - Lord Darlington 7285 ..
      - Duke of Darlington 2460
      - Marjoram 3239.
    - Tamy 3d 7127 .....
      - Prince of Warren 1512.
      - Tamy 4621.
  - Lesbia H. 35634 .....
    - Winner 5572.....
      - Duke of Darlington 2460
      - Nellie Darlington 5956.
    - Lucy's Love 20568.....
      - Clusius H. 5781.
      - Lucy Gray 2746.

Olga H. 60619.—Yield of milk, 841 lbs. 12 oz.; yield of butter, 61 lbs. 13 oz.; test made from Nov. 16 to Dec. 16, 1893; age, 5 years and 9 months; estimated weight, 970 lbs.; fed during test, 216 qts. of corn meal, 108 qts. of wheat and oats ground together and 36 qts. oil meal—4 qts. daily of cut, raw potatoes, no pasture; property of E. C. Newton, Hudson, Ohio.

- Olga H. 60619
  - Tamy's Rioter 15288
    - Lord Darlington 7285
      - Duke of Darlington 2460
      - Marjoram 3239.
    - Tamy 3d 7127
      - Prince of Warren 1512.
      - Tamy 4621.
  - Olo H. 14455
    - Clusius H. 5781
      - Homer H. 3683.
      - Gilda 2779.
    - Ionia H. 12333
      - Homer H. 3683.
      - Zilda H. 12324.

Stoke Pogis' Regina 48309.—Yield of milk, 1012.2 lbs.; yield of butter, 60.268 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 8 years and 1 month; actual weight, 886 lbs.; fed during test, 369.6 lbs. hay, 73 lbs. oil meal, 90 lbs. silage, 112 lbs. corn meal, 180 lbs. bran, 120 lbs. oats, 85 lbs. corn-hearts, 44 lbs. cotton-seed, 80 lbs. middlings, 9 lbs. carrots and 5 lbs. old hay; property of Est. of Frederick Billings, Woodstock, Vt.

- Stoke Pogis' Regina 48309
  - Stoke Pogis of Linden 10558
    - Stoke Pogis 1259, imp.
    - Matilda 3238, imp.
  - Regina's Pride 24407 (F. S. 5153 J. H. B.)
    - On I. of J.
    - Chestnut (F. S. 3125 J. H. B.)

Ida Marigold 32615.—Yield of milk, 985.8 lbs.; yield of butter, 59.367 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 8 years and 2 months; actual weight, 1169 lbs.; fed during test, 424.3 lbs. hay, 84 lbs. oil meal, 112 lbs. silage, 18 lbs. corn meal, 223 lbs. bran, 84 lbs. oats, 206 lbs. corn-hearts, 55.5 lbs. cotton-seed, 84 lbs. middlings, 18 lbs. carrots and 6 lbs. old hay; property of C. A. Sweet, Buffalo, N. Y.

- Ida Marigold 32615.
  - Ida's Rioter of St. L. 13656
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 2d 2238.
      - Kathleen of St. Lambert 5122.
  - Arawana Marigold 9380.
    - Atamasco 2731
      - Padisha 1623.
      - Vinca 3525.
    - Mariana 5571
      - Champion of America 1567.
      - Bull's Kitty Clover 3897.

Sheba Rex 47429.—Yield of milk, 1004.2 lbs.; yield of butter, 57.511 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 7 years and 9 months; actual weight, 1013 lbs.; fed during test, 394.6 lbs. hay, 75 lbs. oil meal, 146 lbs. silage, 40 lbs. corn meal, 179 lbs. bran, 90.5 lbs. oats, 169 lbs. corn-hearts, 59.5 lbs. cotton-seed, 60 lbs. middlings, 18 lbs. carrots and 6 lbs. old hay; property of T. A. Havemeyer, Mahwah, N. J.

- Sheba Rex 47429
  - Windsor Rex 14493
    - Ogden's Rex 8017
      - John Le Brocq 5424.
      - Le Sueur's Romp of Ogden 6756.
    - Peloo 2d 15107
      - Barre 2d 3789.
      - Peloo 3756.
  - Lady Sheba 15479
    - Admiral Farragut 2666
      - Pierrot 2d 1669.
      - Myrtle 2d 211.
    - Sheba 2971
      - Southampton 117, imp.
      - Medora 2143, imp.

Baroness Argyle 40498.—Yield of milk, 925.5 lbs.; yield of butter, 56.215 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 7 years; actual weight, 1005 lbs.; fed during test, 366.2 lbs. hay, 90 lbs. oil meal, 112 lbs. silage, 40 lbs. corn meal, 180 lbs. bran, 120 lbs. oats, 199.5 lbs. corn-hearts, 44.5 lbs. cotton-seed, 60 lbs. middlings, 18 lbs. carrots and 5 lbs. old hay; property of E. S. Henry, Rockville, Conn.

- Baroness Argyle 40498.
  - Baron Hugo 15208.....
    - Baron of St. Lambert 5286.....
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Stolen Kisses 16864, imp. (F. S. 3247 J. H. B.)
  - Dollie Argyle 26987.....
    - Lonius 7407.....
      - Berlin 4507.
      - Myrtle Wright 9399.
    - Belle of Argyle 18358...
      - Regulator 4676.
      - Duchess of Argyle 4th 7571.

Cupid's Jersey Maid 35040.—Yield of milk, 1028.7 lbs.; yield of butter 55.163 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 8 years; actual weight, 886 lbs.; fed during test, 372.9 lbs. hay, 76.5 lbs. oil meal, 94 lbs. silage, 48 lbs. corn meal, 174 lbs. bran, 67 lbs. oats, 163 lbs. corn-hearts, 58 lbs. cotton-seed, 56.5 lbs. middlings, 18 lbs. carrots and 5 lbs. old hay; property of C. S. Dole, Crystal Lake, Ill.

- Cupid's Jersey Maid 35040.....
  - Rioter Vulcan 5380.....
    - Stoke Pogis 1259, imp.
    - Violet 3d 3240, imp.
  - Cupid of Collingwood 6867.....
    - Simon Peter 1848.....
      - Pansy's Albert 1008.
      - Brightness 2211.
    - Flora 3d 4369.....
      - Albert 44.
      - Flora 420.

Flora Temple 3d 40086.—Yield of milk, 923.6 lbs.; yield of butter, 55.058 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 7 years and 3 months; actual weight, 1079 lbs.; fed during test, 372.2 lbs. hay, 75 lbs. oil meal, 116 lbs. silage, 20 lbs. corn meal, 180 lbs. bran, 90 lbs. oats, 189 lbs. corn-hearts, 45 lbs. cotton-seed, 90 lbs. middlings, 18 lbs. carrots and 5 lbs. old hay; property of Frederic Bronson, Southport, Conn.

- Flora Temple 3d 40086
  - Color Blind 16861.....
    - Duke of Darlington Jr. 8108.....
      - Duke of Darlington 2460
      - Lydia A. 10336.
    - Bessie Mansfield 12320..
      - Burnside 2d 2828.
      - Box 2d 4297.
  - Flora Temple 3768.....
    - On I. of J.
    - Lady Carrie 3767, imp.

Katherine of Pittsford 73169.—Yield of milk, 1062.3 lbs.; yield of butter, 54.107 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 4 years and 3 months; actual weight, 825 lbs.; fed during test, 361.6 lbs. hay, 72.5 lbs. oil meal, 110 lbs. silage, 121 lbs. corn meal, 180 lbs. bran, 90 lbs. oats, 85 lbs. corn-hearts, 44.5 lbs. cotton-seed, 36 lbs. middlings, 18 lbs. carrots and 5 lbs. old hay; property of E. F. Hawley, Pittsford, N. Y.

- Katherine of Pittsford 73169
  - Duke of St. Lambert 16160
    - Baron of St. Lambert 5286
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Charity of St. Lambert 6638
      - Stoke Pogis 3d 2238.
      - Flora of St. Lambert 5526.
  - Kate Winslow 28055
    - Bristol Chief 3d 4072
      - Bristol Chief 1496.
      - Priscilla Hurd 5521.
    - Lady Parqua 4165
      - Clifton Duke 1118.
      - Zingara 1939.

Exile's Lulu 49984.—Yield of milk, 988.4 lbs.; yield of butter, 54.017 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 6 years and 9 months; actual weight, 963 lbs.; fed during test, 318.5 lbs. hay, 75 lbs. oil meal, 112 lbs. silage, 20 lbs. corn meal, 180 lbs. bran, 90 lbs. oats, 189 lbs. corn-hearts, 45 lbs. cotton-seed, 90 lbs. middlings, 18 lbs. carrots and 4 lbs. old hay; property of C. I. Hudson, New York, N. Y.

- Exile's Lulu 49984
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Yankee Girl 2d 29261
    - Catoctin 2692
      - Silverlocks Jr. 699.
      - Clifton Fairy 3265.
    - Yankee Girl 24832
      - Sankey 1991.
      - Cassia 2d 21370.

Signal Queen 30869.—Yield of milk, 944.5 lbs.; yield of butter, 51.522 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 9 years and 10 months; actual weight, 1094 lbs.; fed during test, 374.2 lbs. hay, 75 lbs. oil meal, 112 lbs. silage, 20 lbs. corn meal, 206 lbs. bran, 120 lbs. oats, 188 lbs. corn-hearts, 45 lbs. cotton-seed, 60 lbs. middlings, 15 lbs. carrots and 5 lbs. old hay; property of Frank Eno, Pine Plains, N. Y.

- Signal Queen 30869
  - Chief of the Miamis 2958
    - Signal 1170
      - Marius 760.
      - Pansy Morris 2060.
    - Annie Lachaise 3961
      - Columbus 83.
      - Victorine Lachaise 2740. imp.
  - Fairy Queen of St. Brelade's 7464
    - Sweepstakes Duke 1905. (Duke P. S. 76 J.H.B.)
      - Merry Boy (P. S. 61 J. H. B.)
      - Superb (F.S. 353 J.H.B.)
    - On I. of J.

Romp's Princess 51185.—Yield of milk, 704.7 lbs.; yield of butter, 51.357 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 6 years and 5 months; actual weight, 785 lbs.; fed during test, 340.7 lbs. hay, 66.5 lbs. oil meal, 106.5 lbs. silage, 14 lbs. corn meal, 214 lbs. bran, 73 lbs. oats, 84 lbs. corn-hearts, 28.5 lbs. cotton-seed, 4 lbs. middlings, 18 lbs. carrots and 2.5 lbs. old hay; property of C. A. Sweet, Buffalo, N. Y.

- Romp's Princess 51185
  - Romp's Torment 8789
    - Tormentor 3533 (F. S. 259 J. H. B.)
      - Khedive (P. S. 103 J. H. B.)
      - Angela (F. S. 1607 J. H. B.)
    - Romp Ogden 3d 5458
      - Top-Sawyer 1404.
      - Romp Ogden 1571.
  - Grey Friar's Princess 27559
    - Grey Friar 7627 (P. S. 338 J. H. B.)
      - Sir George 7656 (P. S. 221 J. H. B.)
      - Princesse (F. S. 1294 J. H. B.)
    - Mid-day 4593
      - Star of Bethlehem 1693.
      - Lady Dimple 2752.

Hugo's Countess 68394.—Yield of milk, 684.2 lbs.; yield of butter, 48.172 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 5 years and 9 months; actual weight, 911 lbs.; fed during test, 318.2 lbs. hay, 65.5 lbs. oil meal, 104.5 lbs. silage, 216 lbs. bran, 71 lbs. oats, 49 lbs. corn-hearts, 10.5 lbs. cotton-seed, 14 lbs. middlings, 18 lbs. carrots and 4.5 lbs. old hay; property of D. L. Heinsheimer, Glenwood, Iowa.

- Hugo's Countess 68394
  - Prince Pogis' Hugo 15660
    - Prince Pogis 10682
      - Middlefield Boy 1331.
      - Mary Anne of St. Lambert 9770.
    - Rosette of St. Lambert 5108
      - Lord Lisgar 1066.
      - Victoria 411.
  - Countess Coomassie 19339
    - Silver Mine 1658
      - Silverlocks Jr. 699.
      - Minerva 1529.
    - Russie Hill of Maxwell 8661
      - Le Gelé 2694.
      - Daisy of Jersey 3d 4582.

Sayda 3d 17317.—Yield of milk, 843.6 lbs.; yield of butter, 47.825 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 11 years and 6 months; actual weight, 990 lbs.; fed during test, 349.6 lbs. hay, 70 lbs. oil meal, 110 lbs. silage, 11 lbs. corn meal, 189 lbs. bran, 97 lbs. oats, 120 lbs. corn-hearts, 35.5 lbs. cotton-seed, 49.5 lbs. middlings, 18 lbs. carrots and 4 lbs. old hay; property of Edgar Brewer, Hockanum, Conn.

- Sayda 3d 17317
  - Prince of M. 2d 5507
    - Prince of M. 2811
      - Rex 1330.
      - May Abelle 3932.
    - Belle of Wethersfield 6446
      - Jersey King 879.
      - Belle of Farmington 3d 4060.
  - Sayda 4400
    - Ned Booth 1508
      - Arab 245.
      - Hortense 3739, imp.
    - Dickinson's Belle 4395
      - McClellan 3d 27.
      - E. Colt's Belle 4167.

Islip Lenox 31703.—Yield of milk, 714.6 lbs.; yield of butter, 47.699 lbs.; test made from Aug. 29 to Sept. 27, 1893, at World's Columbian Exposition; age, 9 years and 9 months; actual weight, 1016 lbs.; fed during test, 332.9 lbs. hay, 67 lbs. oil meal, 107 lbs. silage, 196 lbs. bran, 84 lbs. oats, 134 lbs. corn-hearts, 16 lbs. cotton-seed, 45 lbs. middlings, 9 lbs. carrots and 5 lbs. old hay; property of C. I. Hood, Lowell, Mass.

- Islip Lenox 31703
  - Czar of Lenox 6875
    - Lenox 1593
      - Pansy's Albert 1008.
      - St. Perpetua 3648.
    - St. Ello 3636
      - Rob Roy 17, imp.
      - Belle of Farmington 911, imp.
  - Islip 4th 1884
    - Bully Bronx 604
      - Kearsarge 257.
      - Bronx 306, imp.
    - Islip 1764
      - Geo. Washington 696.
      - Mayflower 1763, imp.

THIRTY-ONE DAYS.

Zélie de Lussan 48681.—Yield of milk, 1446 lbs. 8 oz.; yield of butter, 86 lbs. 13 oz.; test made from June 4 to July 5, 1893; age, 7 years and 1 month; estimated weight, 1000 lbs.; fed during test, from 14 qts. to 18 qts. mixed grain per day—pasture of natural grasses; property of Geo. W. Sisson, Jr., Potsdam, N. Y.

- Zélie de Lussan 48681.
  - Signally Signal 8875
    - Signalda 4027
      - Signal 1170.
      - Alda 3873.
    - Aldarine 5301
      - Signal 1170.
      - Alda 3873.
  - Printonnière 26086, imp. (F. S. 4738 J. H. B.)

Busy Melrose 54456.—Yield of milk, 1311 lbs.; yield of butter, 85 lbs. 2¾ oz.; test made from July 10 to Aug. 10, 1892; age, 5 years and 3 months; estimated weight, 950 lbs.; fed during test, 124 lbs. oil meal, 124 lbs. bran, 217 lbs. corn meal and 248 lbs. cotton-seed hulls, estimated; property of Jo. C. Elstner, Shreveport, La.

- Busy Melrose 54456
  - Prince of Melrose 4819
    - Stoke Pogis 3d 2238
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Princess of St. Lambert 5484
      - Buffer 2055.
      - Juno of St. Lambert 5110.
  - Busy Bee 6336
    - Top-Sawyer 1404
      - Marius 760.
      - Emblem 90.
    - Bisma 3d 1870
      - Fairfax 530.
      - Bisma 1669.

THIRTY-FIVE DAYS.

Paola Stoke Pogis 34691.—Yield of milk, 1385 lbs.; yield of butter, 109 lbs. 10 oz.; test made from Jan. 11 to Feb. 15, 1891; age, 5 years and 4 months at end of test; estimated weight, 800 lbs.; fed during test, 742 lbs. grain, 290 lbs. roots, 294 lbs. ensilage—clover hay; property of P. J. Cogswell, Rochester, N. Y.

- Paola Stoke Pogis 34691
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - St. John's Daisy 28388
    - St. John (P. S. 316 J. H. B.)
      - Carlo (P. S. 180 J. H. B.) (5559 A. J. C. C.)
      - Unique (F. S. 1035 J. H. B.)
    - Letacq Bess.

FORTY-TWO DAYS.

Clover of St. Lambert 60945.—Yield of milk, 1169 lbs. 6½ oz.; yield of butter, 94 lbs. 6¼ oz.; test made from Jan. 2 to Feb. 13, 1893; age, 4 years and 1 month; actual weight, 836 lbs.; fed same as herd for first 20 days; Jan. 21 to 24, fed 14 qts. chop and 6 qts. wheat bran per day; Jan. 25 to Feb. 7, 16 qts. chop and 6 qts. wheat bran; Feb. 8 to 13, 18 qts. chop and 6 qts. wheat bran—hay and corn fodder during test; property of Mrs. A. M. Hallock, Columbus, Ohio.

- Clover of St. Lambert 60945
  - Ruby's Star of St. Lambert 20719
    - King of St. Lambert 15175
      - Ida's Rioter of St. L. 13656.
      - Allie of St. Lambert 24991.
    - Ruby St. L. 34751
      - Rioter's Pride 11694.
      - Lisgar's Duchess 26299.
  - Daisy Deane of St. L. 35962
    - Stoke Pogis 5th 5987
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Jersey Belle of Prospect 18628
      - Aristocrat 8064.
      - Comtesse D'Espagne 10308.

NINETY DAYS.

Brown Bessie 74997.—Yield of milk, 3634 lbs.; yield of butter, 216.640 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 8 years and 2 months at beginning of test; actual weight, 1048 lbs.; fed during test, 326 lbs. old hay, 210 lbs. silage, 643.8 lbs. new hay, 187.5 lbs. oil meal, 562 lbs. bran, 76 lbs. oats, 597 lbs. corn-hearts, 142.50 lbs. cotton-seed, 405 lbs. middlings, 32 lbs. grano-gluten, 1209.4 lbs. clover and 10 lbs. swale-grass; property of C. I. Hood, Lowell, Mass.

- Brown Bessie 74997
  - Volco 7890
    - Solid Duke of Framingham 5353
      - Glue 3960.
      - Bonita Duke 10640.
    - Caltharine 13679
      - Ben Weston 3111.
      - Caltha's Jewel 7567.
  - Brown Flora 74996
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Beauty of Cloverside 18608
      - Prince Hal 2326.
      - Alcina 6394.

Merry Maiden 64949.—Yield of milk, 3041.2 lbs.; yield of butter, 200.517 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 4 years and 8 months at beginning of test; actual weight, 936 lbs.; fed during test, 322 lbs. old hay, 210 lbs. silage, 597.7 lbs. new hay, 180 5 lbs. oil meal, 494 lbs. bran, 152 lbs. oats, 535 lbs. corn-hearts, 105.75 lbs. cotton-seed, 293 lbs. middlings, 33 lbs. grano-gluten, 1053.4 lbs. clover and 10 lbs. swale-grass; property of O. Graves, Maitland, Mo.

- Merry Maiden 64949
  - Diploma 16219
    - Combination 4389
      - Polonius 2513.
      - Lady Mel 429.
    - Frankie's Lass 24900
      - Cobden 1871.
      - Frankie 5th 3542.
  - Costa Rica 64570
    - Upright 6147
      - Boton 4328.
      - Symbol 6136.
    - Modita 16626
      - Tony Calypso 3354.
      - Laura Lee 8550.

Ida Marigold 32615.—Yield of milk, 3448.3 lbs.; yield of butter, 199.756 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 7 years and 11 months at beginning of test; actual weight, 1184 lbs.; fed during test, 361 lbs. old hay, 213 lbs. silage, 639.4 lbs. new hay, 207 lbs. oil meal, 604 lbs. bran, 92 lbs. oats, 614.5 lbs. corn-hearts, 146.50 lbs. cotton-seed, 470 lbs. middlings, 55 lbs. grano-gluten, 1209.4 lbs. clover and 10 lbs. swale-grass; property of C. A. Sweet, Buffalo, N. Y.

- Ida Marigold 32615...
  - Ida's Rioter of St. L. 13656.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Arawana Marigold 9380.
    - Atamasco 2731.....
      - Padisha 1623.
      - Vinca 3525.
    - Mariana 5571.....
      - Champion of America 1567.
      - Bull's Kitty Clover 3897

Baroness Argyle 40498.—Yield of milk, 3266.2 lbs.; yield of butter, 194.400 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 6 years and 8 months at beginning of test; actual weight, 958 lbs.; fed during test, 361 lbs. old hay, 191.5 lbs. silage, 569.3 lbs. new hay, 202 lbs. oil meal, 605 lbs. bran, 134 lbs. oats, 578 lbs. corn-hearts, 130.25 lbs. cotton-seed, 448 lbs. middlings, 42 lbs. grano-gluten, 1193.4 lbs. clover and 10 lbs. swale-grass; property of E. S. Henry, Rockville, Conn.

- Baroness Argyle 40498.....
  - Baron Hugo 15208.....
    - Baron of St. Lambert 5286.....
      - Stoke Pogis 3d 2238.
      - Favorite of St. Lambert 5118.
    - Stolen Kisses 16864, imp. (F. S. 3247 J. H. B.)
  - Dollie Argyle 26987.....
    - Lonius 7407.....
      - Berlin 4507.
      - Myrtle Wright 9399.
    - Belle of Argyle 18358...
      - Regulator 4676.
      - Duchess of Argyle 4th 7571.

Hugo's Countess 68394.—Yield of milk, 3542.9 lbs.; yield of butter, 191.894 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 5 years and 6 months at beginning of test; actual weight, 1031 lbs.; fed during test, 342 lbs. old hay, 210 lbs. silage, 575.5 lbs. new hay, 191 lbs. oil meal, 506 lbs. bran, 94.5 lbs. oats, 585 lbs. corn-hearts, 144.75 lbs. cotton-seed, 473.5 lbs. middlings, 34 lbs. grano-gluten, 1188.4 lbs. clover and 10 lbs. swale-grass; property of D. L. Heinsheimer, Glenwood, Iowa.

- Hugo's Countess 68394.....
  - Prince Pogis' Hugo 15660.....
    - Prince Pogis 10682.....
      - Middlefield Boy 1331.
      - Mary Anne of St. Lambert 9770.
    - Rosette of St. Lambert 5108.....
      - Lord Lisgar 1066.
      - Victoria 411.
  - Countess Coomassie 19339.....
    - Silver Mine 1658.....
      - Silverlocks Jr. 699.
      - Minerva 1529.
    - Russie Hill of Maxwell 8661.....
      - Le Gelé 2694.
      - Daisy of Jersey 3d 4582.

Sheba Rex 47429.—Yield of milk, 3283.3 lbs.; yield of butter, 190.617 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 7 years and 8 months at beginning of test; actual weight, 991 lbs.; fed during test, 324 lbs. old hay, 123 lbs. silage, 603.7 lbs. new hay, 191.5 lbs. oil meal, 469 lbs. bran, 122.5 lbs. oats, 566 lbs. corn-hearts, 144.50 lbs. cotton-seed, 385 lbs. middlings, 34 lbs. grano-gluten, 1210.4 lbs. clover and 10 lbs. swale-grass; property of T. A. Havemeyer, Mahwah, N. J.

Sheba Rex 47429	Windsor Rex 14493	Ogden's Rex 8017	John Le Brocq 5424.
			Le Sueur's Romp of Ogden 9756.
		Peloo 2d 15107	Barre 2d 3789.
			Peloo 3756.
	Lady Sheba 15479	Admiral Farragut 2666	Pierrot 2d 1669.
			Myrtle 2d 211.
		Sheba 2371	Southampton 117, imp.
			Medora 2143, imp.

Romp's Princess 51185.—Yield of milk, 2984.4 lbs.; yield of butter, 188.373 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 6 years and 2 months at beginning of test; actual weight, 780 lbs.; fed during test, 304 lbs. old hay, 210 lbs. silage, 534.1 lbs. new hay, 191.5 lbs. oil meal, 450 lbs. bran, 103 lbs. oats, 545.5 lbs. corn-hearts, 126.75 lbs. cotton-seed, 385 lbs. middlings, 34 lbs. grano-gluten, 1110.4 lbs. clover and 10 lbs. swale-grass; property of C. A. Sweet, Buffalo, N. Y.

Romp's Princess 51185	Romp's Torment 8789	Tormentor 3533 (F. S. 259 J. H. B.)	Khedive (P. S. 103 J. H. B.)
			Angela (F. S. 1607 J. H. B.)
		Romp Ogden 3d 5458	Top-Sawyer 1404.
			Romp Ogden 1571.
	Grey Friar's Princess 27559	Grey Friar 7627 (P. S. 338 J. H. B.)	Sir George 7656 (P. S. 221 J. H. B.)
			Princesse (F. S. 1294 J. H. B.)
		Mid-day 4593	Star of Bethlehem 1693.
			Lady Dimple 2752.

Alteration 56436.—Yield of milk, 3115.7 lbs.*; yield of butter, 179.879 lbs.*; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 5 years and 8 months at beginning of test; actual weight, 800 lbs.; fed during test*, 302.7 lbs. old hay, 210 lbs. silage, 256.6 lbs. new hay, 133.5 lbs. oil meal, 335 lbs. bran, 52 lbs. oats, 374.5 lbs. corn-hearts, 93.25 lbs. cotton-seed, 311 lbs. middlings, 33 lbs. grano-gluten, 1184.4 lbs. clover and 10 lbs. swale-grass; property of W. E. Matthews, Huntsville, Ala.

Alteration 56436	Little Harry 8808	Lord Harry 3445	Top-Sawyer 1404.
			Duchess of Bloomfield 3653.
		Clara Mowbray 11020	Tormentor 3533.
			Callie Nan 7959.
	Analysis 29162	Surpry 2d (P. S. 459 J. H. B.)	Orange Peel 14355 (P. S. 288 J. H. B.)
			Angelica 2d (P. S. 427 J. H. B.)
		Ava (F. S. 6217 J. H. B.)	

* Estimated. See p. 241.

Islip Lenox 31703.—Yield of milk, 3070 lbs.; yield of butter, 178.066 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 9 years and 6 months at beginning of test; actual weight, 1040 lbs.; fed during test, 323 lbs. old hay, 126 lbs. silage, 525.2 lbs. new hay, 222 lbs. oil meal, 508 lbs. bran, 149 lbs. oats, 538.5 lbs. corn-hearts, 111.75 lbs. cotton-seed, 349 lbs. middlings, 21 lbs. grano-gluten, 1108.4 lbs. clover and 10 lbs. swale-grass; property of C. I. Hood, Lowell, Mass.

- Islip Lenox 31703
  - Czar of Lenox 6875
    - Lenox 1593
      - Pansy's Albert 1008.
      - St. Perpetua 3648.
    - St. Ello 3636
      - Rob Roy 17, imp.
      - Belle of Farmington 911, imp.
  - Islip 4th 1884
    - Bully Bronx 604
      - Kearsarge 257.
      - Bronx 306, imp.
    - Islip 1764
      - Geo. Washington 696.
      - Mayflower 1763, imp.

Flora Temple 3d 40086.—Yield of milk, 3038.2 lbs.; yield of butter, 176.751 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 7 years at beginning of test; actual weight, 1058 lbs.; fed during test, 319.7 lbs. old hay, 210 lbs. silage, 556.9 lbs. new hay, 187 lbs. oil meal, 538 lbs. bran, 74 lbs. oats, 567 lbs. corn-hearts, 128.50 lbs. cotton-seed, 456 lbs. middlings, 34 lbs. grano-gluten, 1105.4 lbs. clover and 10 lbs. swale-grass; property of Frederic Bronson, Southport, Conn.

- Flora Temple 3d 40086
  - Color Blind 16861
    - Duke of Darlington Jr. 8108
      - Duke of Darlington 2460
      - Lydia A. 10336.
    - Bessie Mansfield 12320
      - Burnside 2d 2838.
      - Box 2d 4297.
  - Flora Temple 3768
    - On I. of J.
    - Lady Carrie 3767, imp.

Little Goldie 38671.—Yield of milk, 3284.1 lbs.; yield of butter, 176.394 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 8 years and 7 months at beginning of test; actual weight, 989 lbs.; fed during test, 322.3 lbs. old hay, 149.5 lbs. silage, 529.7 lbs. new hay, 186.5 lbs. oil meal, 510 lbs. bran, 89 lbs. oats, 533 lbs. corn-hearts, 126.25 lbs. cotton-seed, 424 lbs. middlings, 34 lbs. grano-gluten, 1182.4 lbs. clover and 10 lbs. swale-grass; property of C. I. Hood, Lowell, Mass.

- Little Goldie 38671
  - Little Harry 8808
    - Lord Harry 3445
      - Top-Sawyer 1404.
      - Duchess of Bloomfield 3613.
    - Clara Mowbray 11020
      - Tormentor 3533.
      - Callie Nau 7959.
  - Alice Brand 17836
    - Pouch of Gold 4121
      - Furcoat 3040.
      - Gilt 4th 4208.
    - Alice H. 9286
      - Top Sawyer 1404.
      - Bo Peep 2850.

Sayda 3d 17317.—Yield of milk, 3043.1 lbs.; yield of butter, 170.094 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 11 years and 3 months at beginning of test; actual weight, 944 lbs.; fed during test, 313.9 lbs. old hay, 210 lbs. silage, 478.2 lbs. new hay, 184.5 lbs. oil meal, 545 lbs. bran, 72.5 lbs. oats, 537 lbs. corn-hearts, 121.75 lbs. cotton-seed, 418 lbs. middlings, 34 lbs. grano-gluten, 1060.4 lbs. clover and 10 lbs. swale-grass; property of Edgar Brewer, Hockanum, Conn.

- Sayda 3d 17317
  - Prince of M. 2d 5507
    - Prince of M. 2811
      - Rex 1330.
      - May Abelle 3932.
    - Belle of Wethersfield 6446
      - Jersey King 879.
      - Belle of Farmington 3d 4060.
  - Sayda 4400
    - Ned Booth 1508
      - Arab 245.
      - Hortense 3739, imp.
    - Dickinson's Belle 4395
      - McClellan 3d 27.
      - E. Colt's Belle 4167.

Exile's Lulu 49984.—Yield of milk, 3224.5 lbs.; yield of butter, 168.538 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 6 years and 6 months at beginning of test; actual weight, 934 lbs.; fed during test, 298.5 lbs. old hay, 123 lbs. silage, 504.4 lbs. new hay, 189.5 lbs. oil meal, 445 lbs. bran, 96 lbs. oats, 556.5 lbs. corn-hearts, 124.50 lbs. cotton-seed, 467 lbs. middlings, 46 lbs. grano-gluten, 1153.4 lbs. clover and 10 lbs. swale-grass; property of C. I. Hudson, New York, N. Y.

- Exile's Lulu 49984
  - Exile of St. Lambert 13657
    - Bachelor of St. Lambert 4558
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Allie of St. Lambert 24991
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Yankee Girl 2d 29261
    - Catoctin 2692
      - Silverlocks Jr. 699.
      - Clifton Fairy 3265.
    - Yankee Girl 24832
      - Sankey 1991.
      - Cassia 2d 21370.

Albert's Gem 34006.—Yield of milk, 2666.4 lbs.; yield of butter, 165.777 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 9 years and 5 months at beginning of test; actual weight, 970 lbs.; fed during test, 310.8 lbs. old hay, 123 lbs. silage, 523.1 lbs. new hay, 191 lbs. oil meal, 477 lbs. bran, 85 lbs. oats, 563.5 lbs. corn-hearts, 124.25 lbs. cotton-seed, 385.5 lbs. middlings, 34 lbs. grano-gluten, 1116.4 lbs. clover and 10 lbs. swale-grass; property of F. A. Schermerhorn, Lenox, Mass.

- Albert's Gem 34006
  - Albert Rex 7724
    - Duke of Darlington 2460
      - Sarpedon 930.
      - Eurotas 3454.
    - Couch's Lily 3237
      - Albert 44.
      - Lily Dale 3236.
  - Sultana 2d 11798
    - Son of Rosa 663
      - Maxse 400, imp.
      - Rosa 122.
    - Sultana 403, imp.

Signal Queen 30869.—Yield of milk, 3190.6 lbs.; yield of butter, 165.601 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 9 years and 7 months at beginning of test; actual weight, 1059 lbs.; fed during test, 327 lbs. old hay, 210 lbs. silage, 559.9 lbs. new hay, 188.5 lbs. oil meal, 503 lbs. bran, 98 lbs. oats, 509.5 lbs. corn-hearts, 126.75 lbs. cotton-seed, 438 lbs. middlings, 34 lbs. grano-gluten, 1195.4 lbs. clover and 10 lbs. swale-grass; property of Frank Eno, Pine Plains, N. Y.

- Signal Queen 30869..
  - Chief of the Miamis 2958.....
    - Signal 1170.....
      - Marius 760.
      - Pansy Morris 2060.
    - Annie Lachaise 3961....
      - Columbus 83.
      - Victorine Lachaise 2740, imp.
  - Fairy Queen of St. Brelade's 7464.....
    - Sweepstakes Duke 1905 (Duke P. S. 76 J.H.B.)
      - Merry Boy (P. S. 61 J. H. B.)
      - Superb (F. S. 353 J. H. B.)
    - On I. of J.

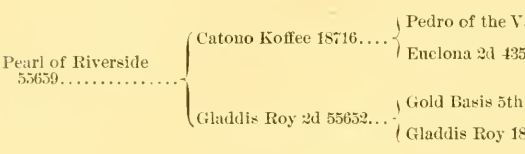
Lily Martin 49954.—Yield of milk, 3520.2 lbs.; yield of butter, 164.227 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 6 years at beginning of test; actual weight, 1003 lbs.; fed during test, 339 lbs. old hay, 210 lbs. silage, 594 lbs. new hay, 191 lbs. oil meal, 479 lbs. bran, 93.5 lbs. oats, 578 lbs. corn-hearts, 145.50 lbs. cotton-seed, 434 lbs. middlings, 34 lbs. grano-gluten, 1204.4 lbs. clover and 10 lbs. swale-grass; property of M. C. Campbell, Spring Hill, Tenn.

- Lily Martin 49954....
  - Ida's Stoke Pogis 13658.
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Sigletta 32915.....
    - Signalda 4027.....
      - Signal 1170.
      - Alda 3873.
    - Kathletta 19567.....
      - Lord Harry 3445.
      - Kate Gordon 8387.

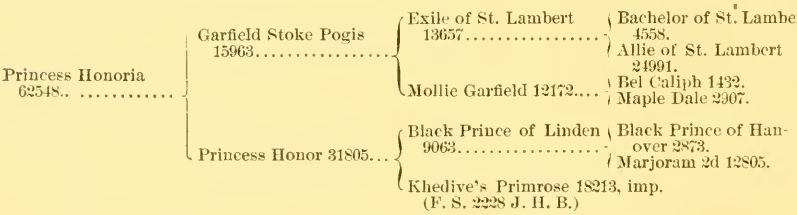
Natasqua 65598.—Yield of milk, 2463.9 lbs.; yield of butter, 161.522 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 5 years and 1 month at beginning of test; actual weight, 844 lbs.; fed during test, 300 lbs. old hay, 123 lbs. silage, 486.6 lbs. new hay, 190.5 lbs. oil meal, 398 lbs. bran, 72 lbs. oats, 436.5 lbs. corn-hearts, 124.25 lbs. cotton-seed, 296 lbs. middlings, 34 lbs. grano-gluten, 1137.4 lbs. clover and 10 lbs. swale-grass; property of T. A. Havemeyer, Mahwah, N. J.

- Natasqua 65598.....
  - Fair Corinth 12455.....
    - Corinth 6662.....
      - Ori 4286.
      - Chroma 4572.
    - Fair Starlight 7745.....
      - King of Fairview 778.
      - Pinkie 2d 2987.
  - Queen Emma 32560.....
    - Lake Brown 6623.....
      - Greatorex 4218.
      - Lady Brown 2d 2348.
    - Queen of Vernon 2d 13784.....
      - Ready Money Jack 2986.
      - Queen of Vernon 10384.

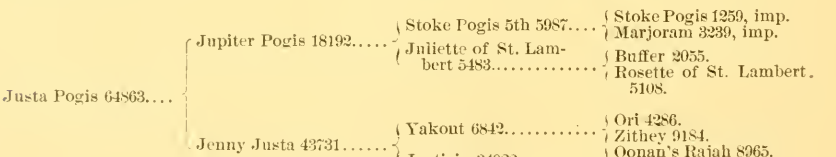
Pearl of Riverside 55659.—Yield of milk, 2653.7 lbs.; yield of butter, 160.804 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 4 years and 3 months at beginning of test; actual weight, 1036 lbs.; fed during test, 319 lbs. old hay, 210 lbs. silage, 527.8 lbs. new hay, 191 lbs. oil meal, 522 lbs. bran, 73 lbs. oats, 560.5 lbs. corn-hearts, 111.50 lbs. cotton-seed, 402 lbs. middlings, 34 lbs. grano-gluten, 1153.4 lbs. clover and 10 lbs. swale-grass; property of H. A. Huntington, Nashville, Tenn.



Princess Honoria 62548.—Yield of milk, 2690.4 lbs.; yield of butter, 159.447 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 3 years and 6 months at beginning of test; actual weight, 865 lbs.; fed during test, 299 lbs. old hay, 111 lbs. silage, 511.4 lbs. new hay, 213.5 lbs. oil meal, 523 lbs. bran, 92 lbs. oats, 436.5 lbs. corn-hearts, 111.50 lbs. cotton-seed, 397 lbs. middlings, 34 lbs. grano-gluten, 1126.4 lbs. clover and 10 lbs. swale-grass; property of Est. of Frederick Billings, Woodstock, Vt.



Justa Pogis 64863.—Yield of milk, 2745.3 lbs.; yield of butter, 157.697 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 4 years and 8 months at beginning of test; actual weight, 932 lbs.; fed during test, 329 lbs. old hay, 210 lbs. silage, 518.2 lbs. new hay, 168 lbs. oil meal, 465 lbs. bran, 83.5 lbs. oats, 559.5 lbs. corn-hearts, 113.50 lbs. cotton-seed, 310 lbs. middlings, 32 lbs. grano-gluten, 1165.4 lbs. clover and 10 lbs. swale-grass; property of Kentucky Agricultural Experiment Station, Lexington, Ky.



Daisy Hinman 61537.—Yield of milk, 2677.8 lbs.; yield of butter, 155.131 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 7 years and 5 months at beginning of test; actual weight, 903 lbs.; fed during test, 304 lbs. old hay, 210 lbs. silage, 531.7 lbs. new hay, 186 lbs. oil meal, 388 lbs. bran, 159 lbs. oats, 438.5 lbs. corn-hearts, 124.25 lbs. cotton-seed, 277 lbs. middlings, 34 lbs. grano-gluten, 1126.4 lbs. clover and 10 lbs. swale-grass; property of Ayer & McKinney, Philadelphia, Pa.

- Daisy Hinman 61537.
  - Ida's Rioter of St. L. 13656.....
    - Bachelor of St. Lambert 4558.....
      - Orloff 3143.
      - Charity of St. Lambert 6638.
    - Ida of St. Lambert 24990
      - Stoke Pogis 3d 2238.
      - Kathleen of St. Lambert 5122.
  - Mary Hinman 17619....
    - Stoke Pogis 5th 5987....
      - Stoke Pogis 1259, imp.
      - Marjoram 3239, imp.
    - Belle Hinman 3641.....
      - Belisario 640.
      - Flora Hinman 1272.

Grace Pansy 2d 18764.—Yield of milk, 2344.4 lbs.; yield of butter, 147.009 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 10 years and 4 months at beginning of test; actual weight, 1050 lbs.; fed during test, 330 lbs. old hay, 195 lbs. silage, 596.5 lbs. new hay, 177 lbs. oil meal, 395 lbs. bran, 98 lbs. oats, 437 lbs. corn-hearts, 115.25 lbs. cotton-seed, 366 lbs. middlings, 34 lbs. grano-gluten, 1122.4 lbs. clover and 10 lbs. swale-grass; property of George V. Green, Hopkinsville, Ky.

- Grace Pansy 2d 18764.
  - Smoke Smith 4844.....
    - Brigand 1899.....
      - Khedive 1051.
      - Lenore 2d 712.
    - Selika 1805.....
      - Nelusko 479.
      - Flora Ogden 1566.
  - Grace Pansy 12156.....
    - Champion of America 4th 4680.....
      - Champion of America 1567.
      - Belle Fleur 6610.
    - Myrtle Wright 2d 12154.
      - Plymouth Rock 2468.
      - Myrtle Wright 9399.

Lorita 33750.—Yield of milk, 2320.3 lbs.; yield of butter, 146.619 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 9 years and 5 months at beginning of test; actual weight, 926 lbs.; fed during test, 305.9 lbs. old hay, 202.5 lbs. silage, 445.7 lbs. new hay, 179 lbs. oil meal, 463.5 lbs. bran, 69.5 lbs. oats, 450.5 lbs. corn-hearts, 116.25 lbs. cotton-seed, 336.5 lbs. middlings, 33 lbs. grano-gluten, 1088.4 lbs. clover and 10 lbs. swale-grass; property of C. A. Sweet, Buffalo, N. Y.

- Lorita 33750.....
  - Combination 4389.....
    - Polonius 2513.....
      - Sarpedon 930.
      - Leda 799.
    - Lady Mel 429.....
      - McClellan 4th 85.
      - Mel 2d 57.
  - Moragina 26344,.....
    - Kapper's Victor 12340..
      - Kapper 2033.
      - Albert's Clover 2900.
    - Belle Morgan 26219.....
      - Schoharie 12345.
      - Victoria 218, imp.

Gay Orphan 25985.—Yield of milk, 2175.9 lbs.; yield of butter, 138.973 lbs.; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 11 years and 3 months at beginning of test; actual weight, 880 lbs.; fed during test, 282 lbs. old hay, 206.5 lbs. silage, 446.8 lbs. new hay, 163.5 lbs. oil meal, 473.5 lbs. bran, 181 lbs. oats, 330 lbs. corn-hearts, 9.50 lbs. cotton-seed, 293 lbs. middlings, 33 lbs. grano-gluten, 926.4 lbs. clover and 10 lbs. swale-grass; property of Kentucky Agricultural Experiment Station, Lexington, Ky.

Gay Orphan 25985.... Orphan (P. S. 256 J. H. B.) — Farmer's Glory 5196 (F. S. 274 J. H. B.) — Grey King (P. S. 169 J. H. B.) / Bonheur (F. S. 1651 J. H. B.); May Flower (P. S. 95 J. H. B.) — General Don (P. S. 60 J. H. B.) / Mulotte (F. S. 775 J. H. B.); On I. of J.

Annice Magnet 60256.—Yield of milk, 2064 lbs.*; yield of butter, 119.284 lbs.*; test made from May 31 to Aug. 28, 1893, at World's Columbian Exposition; age, 4 years and 2 months at beginning of test; actual weight, 846 lbs.; fed during test*, 274.5 lbs. old hay, 210 lbs. silage, 514.7 lbs. new hay, 174 lbs. oil meal, 334.5 lbs. bran, 150 lbs. oats, 321 lbs. corn-hearts, 92.75 lbs. cotton-seed, 233 lbs. middlings, 31 lbs. grano-gluten and 447.1 lbs. clover; property of John Boyd, Elmhurst, Ill.

Annice Magnet 60256.. Champion Magnet 6480. — Champion of America 1567 — May Boy 705. / Pansy 1019.; Mink 2548 — Magnet 968. / Mattie Micawber 2547. — Annie Bropho 39052.... Bropho 9634 — Alpheon 6082. / Browsie 13094.; Alpheon's Belle 27194... Alpheon 6082. / Beatrice Cenci 16639.

SIX MONTHS.

Zélie de Lussan 48681.—Yield of milk, 6864 lbs. 8 oz.; yield of butter, 450 lbs. 5 oz.; test made from June 4 to Dec. 5, 1893; age, 7 years and 6 months at end of test; estimated weight, 1000 lbs.; fed during test, 14 to 18 lbs. per day of a mixture of bran, corn meal and oil meal, with pasture until Nov. 1, then 40 lbs. ensilage per day, with hay *ad lib.*; property of Geo. W. Sisson, Jr., Potsdam, N. Y.

Zélie de Lussan 48681. Signally Signal 8875.... Signalda 4027 — Signal 1170. / Alda 3873.; Aldarine 5301 — Signal 1170. / Alda 3873.; Printonnière 26086, imp. (F. S. 4738 J. H. B.)

* Estimated. See p. 241.

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LIST OF SIRES

WITH THEIR

TESTED DAUGHTERS

IN THIS VOLUME.

TESTS FOR LONGER PERIODS THAN SEVEN DAYS.

Albert Rex 7724—Duke of Darlington 2460, Couch's Lily 3237—Sire of
Albert's Gem 34006..... 165.777 lbs. in 90 days.

Baron Hugo 15208—Baron of St. Lambert 5286, Stolen Kisses 16864—Sire of
Baroness Argyle 40498..... 194.400 lbs. in 90 days.
" " " ..... 56.215 lbs. in 30 days.

Catono Koffee 18716—Pedro of the Valley 8750, Euclona 2d 43562—Sire of
Pearl of Riverside 55659..... 160.804 lbs. in 90 days.

Champion Magnet 6480—Champion of America 1567, Mink 2548—Sire of
Annice Magnet 60256..... 119.284 lbs. in 90 days.

Chief of the Miamis 2958—Signal 1170, Annie Lachaise 3961—Sire of
Signal Queen 30869..... 165.601 lbs. in 90 days.
" " " ..... 51.522 lbs. in 30 days.

Color Blind 16861—Duke of Darlington Jr. 8108, Bessie Mansfield 12320—Sire of
Flora Temple 3d 40086..... 176.751 lbs. in 90 days.
" " " " ..... 55.058 lbs. in 30 days.

Combination 4389—Polonius 2513, Lady Mel 429—Sire of
Lorita 33750 ..... 146.619 lbs. in 90 days.

Czar of Lenox 6875—Lenox 1593, St. Ello 3636—Sire of
Islip Lenox 31703..... 178.066 lbs. in 90 days.
" " " ..... 47.699 lbs. in 30 days.

Denise's Tormentor 11823—Tormentor 3533, Denise 8281—Sire of
Myrtlise 64006..... 54 lbs. 15½ oz. in 21 days.

Diploma 16219—Combination 4389, Frankie's Lass 24900—Sire of
Merry Maiden 64949..... 200.517 lbs. in 90 days.
" " " ..... 66.695 lbs. in 30 days.
Campania 88475..... 28.127 lbs. in 21 days.
Elturia 80701..... 24.137 lbs. in 21 days.

Doge of St. Lambert 17889—Duke of St. Lambert 16160, Charity of St. Lambert 6638—Sire of
Jeannette of Pittsford 73185..... 29.973 lbs. in 21 days.

Duke of St. Lambert 16160—Baron of St. Lambert 5286, Charity of St. Lambert 6638—Sire of

Katherine of Pittsford 73169..... 54.107 lbs. in 30 days.

Exile of St. Lambert 13657—Bachelor of St. Lambert 4558, Allie of St. Lambert 24991—Sire of

Exile's Lulu 49984..... 168.538 lbs. in 90 days.
Paola Stoke Pogis 34691..... 109 lbs. 10 oz. in 35 days.
Exile's Belle 40524..... 122 lbs. 6½ oz. in 30 days.
Exile's Lulu 49984..... 54.017 lbs. in 30 days.

Fair Corinth 12455—Corinth 6662, Fair Starlight 7745—Sire of

Natasqua 65598..... 161.522 lbs. in 90 days.

Garfield Stoke Pogis 15963—Exile of St. Lambert 13657, Mollie Garfield 12172—Sire of

Princess Honoria 62548..... 159.447 lbs. in 90 days.
Lily Garfield 79819..... 37.488 lbs. in 21 days.

Gold of St. Lambert 16744—Lord Lisgar 2d 13930, Cora of St. Lambert 8347—Sire of

Iola F. 85529..... 25.251 lbs. in 21 days.

Ida's Rioter of St. L. 13656—Bachelor of St. Lambert 4558, Ida of St. Lambert 24990—Sire of

Ida Marigold 32615..... 199.756 lbs. in 90 days.
Daisy Hinman 61537..... 155.131 lbs. in 90 days.
Ida Marigold 32615..... 59.337 lbs. in 30 days.

Ida's Stoke Pogis 13658—Bachelor of St. Lambert 4558, Ida of St. Lambert 24990—Sire of

Lily Martin 49954..... 164.237 lbs. in 90 days.

Jupiter Pogis 18192—Stoke Pogis 5th 5987, Juliette of St. Lambert 5483—Sire of

Justa Pogis 64863..... 157.697 lbs. in 90 days.

Little Harry 8808—Lord Harry 3445, Clara Mowbray 11020—Sire of

Alteration 56436..... 179.879 lbs. in 90 days.
Little Goldie 38671..... 176.394 lbs. in 90 days.

Oonan's Rajah 8965—Lord Harry 3445, Oonan 1485—Sire of

Même 34921..... 37 lbs. 5 oz. in 16 days.

Orphan (P. S. 256 J. H. B.)—Farmer's Glory 5196, May Flower (P. S. 95 J. H. B.)—Sire of

Gay Orphan 25985..... 138.973 lbs. in 90 days.

Prince of M. 2d 5507—Prince of M. 2811, Belle of Wethersfield 6446—Sire of

Sayda 3d 17317..... 170.094 lbs. in 90 days.
" " " ..... 47.825 lbs. in 30 days.

Prince of Melrose 4819—Stoke Pogis 3d 2238, Princess of St. Lambert 5484—Sire of

Busy Melrose 54456..... 85 lbs. 2¾ oz. in 31 days.

Prince Pogis' Hugo 15660—Prince Pogis 10682, Rosette of St. Lambert 5108—Sire of

Hugo's Countess 68394..... 191.894 lbs. in 90 days.
" " " ..... 48.172 lbs. in 30 days.

Rioter Vulcan 5380—Stoke Pogis 1259, Violet 3d 3240—Sire of
Cupid's Jersey Maid 35040..... 55.163 lbs. in 30 days.

Romp's Torment 8789—Tormentor 3533, Romp Ogden 3d 5458—Sire of
Romp's Princess 51185..... 188.373 lbs. in 90 days.
" " " ..... 51.357 lbs. in 30 days.

Ruby Star of St. Lambert 20719—King of St. Lambert 15175, Ruby St. L. 34751—Sire of
Clover of St. Lambert 60945..... 94 lbs. 6¼ oz. in 42 days.

Signally Signal 8875—Signalda 4027, Aldarine 5301—Sire of
Zélie de Lussan 48681..... 450 lbs. 5 oz. in 6 months.
" " " ..... 86 lbs. 13 oz. in 31 days.

Smoke Smith 4844—Brigand 1899, Selika 1805—Sire of
Grace Pansy 2d 18764..... 147.009 lbs. in 90 days.

Stoke Pogis of Linden 10558—Stoke Pogis 1259, Matilda 3238—Sire of
Stoke Pogis' Regina 48309 .... 60.268 lbs. in 30 days.

Tamy's Rioter 15288—Lord Darlington 7285, Tamy 3d 7127—Sire of
Olga H. 60619..... 61 lbs. 13 oz. in 30 days.
Leonetta H. 67514..... 62 lbs. 3 oz. in 30 days.

Volco 7890—Solid Duke of Framingham 5353, Caltharine 13679—Sire of
Brown Bessie 74997..... 216.640 lbs. in 90 days.
" " " ..... 72.235 lbs. in 30 days.

Windsor Rex 14493—Ogden's Rex 8017, Peloo 2d 15107—Sire of
Sheba Rex 47429..... 190.617 lbs. in 90 days.
" " " ..... 57.511 lbs. in 30 days.

Woodstock Chief 21172—Garfield Stoke Pogis 15963, Matin 7768—Sire of
Woodstock Lady 80619..... ..... 23.027 lbs. in 21 days.
Woodstock Mystery 77746..... 26.223 lbs. in 21 days.

LIST OF DAMS

WITH THEIR

TESTED DAUGHTERS

IN THIS VOLUME.

TESTS FOR LONGER PERIODS THAN SEVEN DAYS.

Alice Brand 17836—Pouch of Gold 4121, Alice H. 9286—Dam of
Little Goldie 38671..... 176.394 lbs. in 90 days.

Alrajah's Mystery 48466—Alrajah 13157, Gilderoy's Mystery 14732—Dam of
Woodstock Mystery 77746..... 26.223 lbs. in 21 days.

Analysis 29162—Surpry 2d (P. S. 459 J. H. B.), Ava (F. S. 6217 J. H. B.)—Dam of
Alteration 56436..... 179.879 lbs. in 90 days.

Annie Bropho 39052—Bropho 9634, Alpheon's Belle 27194—Dam of
Annice Magnet 60256..... 119.284 lbs. in 90 days.

Arawana Marigold 9380—Atamasco 2731, Mariana 5571—Dam of
Ida Marigold 32615..... 199.756 lbs. in 90 days.
" " " ..... 59.367 lbs. in 30 days.

Brown Flora 74996—Combination 4389, Beauty of Cloverside 18608—Dam of
Brown Bessie 74997..... 216.640 lbs. in 90 days.
" " " ..... 72.235 lbs. in 30 days.

Busy Bee 6336—Top-Sawyer 1404, Bisma 3d 1870—Dam of
Busy Melrose 54456..... 85 lbs. 2¾ oz. in 31 days.

Caressa 88474—Upright 6147, Mercurina 64920—Dam of
Campania 88475..... 28.127 lbs. in 21 days.

Costa Rica 64570—Upright 6147, Modita 16626—Dam of
Merry Maiden 64949..... 200.517 lbs. in 90 days.
" " " ..... 66.695 lbs. in 30 days.

Countess Coomassie 19339—Silver Mine 1658, Russie Hill of Maxwell 8661—Dam of
Hugo's Countess 68394..... 191.894 lbs. in 90 days.
" " " ..... 48.172 lbs. in 30 days.

Cupid of Collingwood 6867—Simon Peter 1848, Flora 3d 4369—Dam of
Cupid's Jersey Maid 35040..... 55.163 lbs. in 30 days.

Daisy Deane of St. L. 35962—Stoke Pogis 5th 5987, Jersey Belle of Prospect 18628—Dam of
Clover of St. Lambert 60945..... 94 lbs. 6¼ oz. in 42 days.

Dollie Argyle 26987—Lonius 7407, Belle of Argyle 18358—Dam of
Baroness Argyle 40498..... 194.400 lbs. in 90 days.
" " " ..... 56.215 lbs. in 30 days.

Duke's Dream 42783—Duke of Darlington 2d 6948, Morning's Dream 2d 38167—Dam of
Jeannette of Pittsford 73185..... 29.973 lbs. in 21 days.

Fairy Queen of St. Brelade's 7464—Sweepstakes Duke 1905, Dam on I. of J. —Dam of
Signal Queen 30869..... 165.601 lbs. in 90 days.
" " " ..... 51.522 lbs. in 30 days.

Flora Temple 3768—Sire on I. of J., Lady Carrie 3767—Dam of
Flora Temple 3d 40086..... 176.751 lbs. in 90 days.
" " " " ..... 55.058 lbs. in 30 days.

Gladdis Roy 2d 55652—Gold Basis 5th 15725, Gladdis Roy 18566—Dam of
Pearl of Riverside 55659..... 160.804 lbs. in 90 days.

Grace Pansy 12156—Champion of America 4th 4680, Myrtle Wright 2d 12154—Dam of
Grace Pansy 2d 18764..... 147.009 lbs. in 90 days.

Grace Pansy 2d 18764—Smoke Smith 4844, Grace Pansy 12156—Dam of
Myrtlise 64006..... 54 lbs. 15½ oz. in 21 days.

Grey Friar's Princess 27559—Grey Friar 7627, Mid-day 4593—Dam of
Romp's Princess 51185..... 188.373 lbs. in 90 days.
" " " ..... 51.357 lbs. in 30 days.

Islip 4th 1884—Bully Bronx 604, Islip 1764—Dam of
Islip Lenox 31703..... 178.066 lbs. in 90 days.
" " " ..... 47.699 lbs. in 30 days.

Iversnaid 8978—Brown Prince 2583, Hope Henshaw 5836—Dam of
Iola F. 85529..... 25.251 lbs. in 21 days.

Jenny Justa 43731—Yakout 6842, Justicia 34922—Dam of
Justa Pogis 64863..... 157.697 lbs. in 90 days.

Kate Winslow 28055—Bristol Chief 3d 4072, Lady Parqua 4165—Dam of
Katherine of Pittsford 73169..... 54.107 lbs. in 30 days.

Lady Jane of St. Peter's 7475—Sire on I. of J., Matin (F. S. 1629 J. H. B.)—Dam of
Woodstock Lady 80619..... 23.027 lbs. in 21 days.

Lady Sheba 15479—Admiral Farragut 2666, Sheba 2971—Dam of
Sheba Rex 47429..... 190.617 lbs. in 90 days.
" " " ..... 57.511 lbs. in 30 days.

Lesbia H. 35634—Winner 5572, Lucy's Love 20568—Dam of
Leonetta H. 67514..... 62 lbs. 3 oz. in 30 days.

Lilley Rex Rioter 48464—King Rioter 6075, Lilley Rex 9852—Dam of
Lily Garfield 79819..... 37.488 lbs. in 21 days.

Littalla 19314—Valley Jump 6689, Emma Mc. 2d 5033—Dam of
Même 34921..... 37 lbs. 5 oz. in 16 days.

Mary Hinman 17619—Stoke Pogis 5th 5987, Belle Hinman 3641—Dam of
Daisy Hinman 61537..... 155.131 lbs. in 90 days.

Moragina 26344—Kapper's Victor 12340, Belle Morgan 26219—Dam of
Lorita 33750..... 146.619 lbs. in 90 days.

Olo H. 14455—Clusius H. 5781, Ionia H. 12333—Dam of
Olga H. 60619..... 61 lbs. 13 oz. in 30 days.

Paradox 65003—Upright 6147, Miss Madrid 49419—Dam of
Elturia 80701..... 24.137 lbs. in 21 days.

Princess Honor 31805—Black Prince of Linden 9063, Khedive's Primrose 18213—Dam of
Princess Honoria 62548..... 159.447 lbs. in 90 days.

Printonnière 26086, imp.—Dam of
Zélie de Lussan 48681..... 450 lbs. 5 oz. in 6 months.
" " " ..... 86 lbs. 13 oz. in 31 days.

Queen Emma 32560—Lake Brown 6623, Queen of Vernon 2d 13784—Dam of
Natasqua 65598..... 161.522 lbs. in 90 days.

Regina's Pride 24407—Sire on I. of J., Chestnut (F. S. 3125 J. H. B.)—Dam of
Stoke Pogis' Regina 48309..... 60.268 lbs. in 30 days.

St. John's Daisy 28388—St. John (P. S. 316 J. H. B.), Letacq Bess—Dam of
Paola Stoke Pogis 34691..... 109 lbs. 10 oz. in 35 days.

Sayda 4400—Ned Booth 1508, Dickinson's Belle 4395—Dam of
Sayda 3d 17317..... 170.094 lbs. in 90 days.
" " " ..... 47.835 lbs. in 30 days.

Sigletta 32915—Signalda 4027, Kathletta 19567—Dam of
Lily Martin 49954..... 164.227 lbs. in 90 days.

Success of St. Lambert 28489—Sir George of St. Lambert 6036, Success 8782—Dam of
Exile's Belle 40524..... 122 lbs. 6½ oz. in 30 days.

Sultana 2d 11798—Son of Rosa 663, Sultana 403—Dam of
Albert's Gem 34006..... 165.777 lbs. in 90 days.

Yankee Girl 2d 29261—Catoctin 2692, Yankee Girl 24832—Dam of
Exile's Lulu 49984..... 168.538 lbs. in 90 days.
" " " ..... 54.017 lbs. in 30 days.

WORLD'S COLUMBIAN EXPOSITION DAIRY TESTS.

TEST No. 1—CHEESE AND BY-PRODUCTS.

From May 12th to May 26th, inclusive—15 days. Number of cows in test 75, composed of 25 Jerseys, 25 Guernseys and 25 Short-Horns. All herds milked clean, 12 hours before test began, in presence of a representative of the Testing Committee. This Testing Committee was composed of Prof. M. A. Scovell, of the Kentucky Experiment Station, Chairman; Professors S. M. Babcock, Wisconsin Experiment Station; I. P. Roberts, Cornell University, N. Y.; H. P. Armsby, State College, Pa. (the four named above having been appointed by the Association of Agricultural Colleges and Experiment Stations); and Superintendents Valancey E. Fuller, representing the American Jersey Cattle Club, Prof. W. H. Caldwell, the American Guernsey Cattle Club, and H. H. Hinds, the American Short-Horn Association.

The rules governing this and all other tests were formulated and assented to at various meetings, called by the Hon. W. I. Buchanan, Chief of Agriculture of the World's Columbian Exposition, at which the following cattle associations or clubs were represented by their duly-authorized agents: The American Jersey Cattle Club, American Guernsey Cattle Club, American Short-Horn Breeders' Association, Holstein-Friesian Association, American Devon Cattle Association, Red Polled Cattle Association, Brown Swiss Cattle Association, and American Ayrshire Association.

Upon the Testing Committee devolved the duty of carrying out the details of the tests, as provided for in such rules, subject at all times to the approval and assent of Chief Buchanan. The rules as formulated prior to the beginning of the test were adhered to, save in some minor details.

Columns 1 and 1a of my detailed report of Test No. 1, Cheese and By-Products, submitted herewith, gives, in the case of the Jerseys, the total quantities, composition and values of the food consumed by each cow and the Jersey herd, and the total quantities and values of the food consumed by the Guernsey and Short-Horn herds. The price of feed was fixed by Chief Buchanan prior to the tests, and was based on the average price in the open markets of New York City, Buffalo and Chicago at that time, as were also the values of cheese, and in Tests 2 and 3 the values of butter. The following are the prices of feed per ton so fixed:

Hay (Timothy)	$11 50	Cotton-Seed Meal	$26 00
Silage	4 00	Middlings	13 00
Corn-Hearts	13 50	Linseed Oil Meal	22 60
Bran	12 50	Grano-Gluten	14 75
Ground Oats	23 00	Cream Gluten	17 50
Corn Meal	22 00		

The feed for each cow was weighed out separately by, and was fed in the presence of, a representative of the Testing Committee. It was retained under seal, and Columbian Guards were present in the barns day and night to see that no feed was given to any cow save as specified, and with instructions to report any deviation from such rules. These guards were changed from barn to barn constantly, to prevent the possibility of their becoming partisans.

Columns 2 and 3 give the average weight of the cows in five days' weighings at the beginning of the test and five days' weighings immediately preceding the termination of same.

Column 4 sets out the gain and loss, also the net gain to the herds, and Columns 5 and 6 the gain and loss in value of such live weight at 4½ cents per pound, and the net gain in value of the herds.

Column 7 shows the quantity of milk given in the 15 days by the individual cows of the Jersey herd, and the totals of the three herds in pounds and tenths. Each milking was done in the presence of a representative of the Testing Committee, who weighed it, and, after recording such weight, immediately took a sample of same, being an aliquot portion of each milking, placed it in a glass jar bearing the same number as the cow, retained such jars under seal, and when the sample of each cow's milk for twenty-four hours was obtained, took them to the laboratory for chemical analysis, where the milk was analyzed by competent chemists, under the immediate and personal supervision of Prof. Farrington, of the Illinois Experiment Station. The fat in the milk was ascertained by the Babcock oil test. After such sample of each cow's milk was taken for analysis, the milk was poured into large milk-cans. A similar sample of the mixed milk was taken for analysis, the cans securely sealed in the presence of the superintendents of the breeds, and sent to the dairy to be made into cheese, and in Tests 2 and 3 into butter. Prof. Babcock was in personal charge of the dairy during the cheese test, and in Tests 2 and 3 either Prof. Babcock or Prof. Roberts took personal charge of the milk, the churning of same, and the butter-making.

Column 8 shows the pounds of fat given by each Jersey cow and by the herds, ascertained by the Babcock oil test, and Column 9 the estimated butter therefrom on the basis of 80 per cent. oil in the butter. This column (9) is not official, as in this test no regard was had to butter, but was computed by me, and was estimated exactly on the same basis as was done in Tests 2, 3 and 4. It is extended for the purpose of showing the quantity of butter given by each cow in the Jersey herds which went through all three tests, during the entire time of such tests.

Column 10 gives the weight of solids, ascertained by analysis, of the milk of each cow, and of the Jersey, Guernsey and Short-Horn herds.

Column 11 shows the quantity of cheese to the credit of each Jersey cow and to the herds. It was the intention to have made cheese on each of the 15 days; but owing to the dairy not being ready cheese was not made from the milk of the 12th, 13th, 14th and 15th of May, and on the 20th it was not made, as the milk of that day "went sour." Cheese was made from the milk of the 16th, 17th, 18th, 19th, 21st, 22d, 23d, 24th, 25th and 26th. The amount of cheese to be credited to the breeds on the 12th, 13th, 14th and

15th was obtained in the following manner: As the average pounds of fat and solids in the ten days in which cheese was actually made are to the pounds of cheese produced therefrom, so the total pounds of fat and solids of each day (12th, 13th, 14th and 15th) are to the cheese of those days credited to each herd and to the individual cows composing the same. The credited cheese from the milk of the 20th was ascertained by taking the average of cheese made in the two days immediately preceding and the two days following that date.

Column 12 shows the whey as ascertained from the cheese-vat and credited proportionately to the individual cows.

The cheese was retained under seal until scored by experts appointed by Chief Buchanan, by the following scale:

Flavor	55 points.
Texture	25 "
Keeping quality	15 "
Color	5 "
Total	100

The value of the cheese produced was credited to the breeds on the following basis:

Cheese scaling from	75	to	80	points is credited at	8	cents	per	pound.
" " "	80	to	85	" "	10	"	"	
" " "	85	to	90	" "	12	"	"	
" " "	90	to	95	" "	14	"	"	
" " "	95	to	100	" "	16	"	"	

Column 13 sets out the value of cheese as ascertained. The average price per pound of cheese was as follows: Jerseys, 13.36 c.; Guernseys, 11.96 c.; Short-Horns, 13.01 c. For the ten days in which cheese was made the average scores were:

	Flavor.	Texture.	Keeping Quality.	Color.	Total.
For Jerseys	49.8	23.2	13.5	4.2	90.7
For Guernseys	48.9	21.8	12.3	4.2	87.2
For Short-Horns	50.4	22.3	13.4	4.4	90.5

The whey was credited at 8 cents per 100 pounds, as set out in Column 14. The increase or decrease of live weight is credited or debited at 4½ cents per pound in Column 15. When there is a loss it is represented by the mark (—).

Column 16 sets out the gross value of all products, including gain in live weight, from which stands to be deducted the cost of feed (Column 1a), and the resulting figures, as set out in Column 17, give the net profits per Jersey cow and for the herds.

It will be noticed that the Jerseys average in milk 35.4 pounds per cow per day for the 15 days of the test; that the Jersey herd exceeded the Guernsey in milk by 2357.8 pounds and the Short-Horn by 1109.5 pounds; that the quantity of cheese produced by the Jerseys exceeded that of the

Guernseys by 321.14 pounds and that of the Short-Horns by 374.16 pounds; that the net profit of the Jersey herd exceeded the Guernsey by $31.52 (equal to an excess net profit per cow per day of $8\frac{4}{25}$ cents), and exceeded the Short-Horn herd by $38.46 (equal to an excess net profit per cow per day of $10\frac{5}{25}$ cents).

The following awards were given by the World's Columbian Exposition:

(*a*) For the individual cow in each breed competing which yields the greatest net profit during the test—

	Net Profit.
Jersey—Ida Marigold 32615	$6.97
Guernsey—Sweet Ada	5.27
Short-Horn—Nora	6.27

(*b*) For the individual cow in *any breed* competing which yields the greatest net profit during the test—

	Net Profit.
Jersey—Ida Marigold 32615	$6.97

(*c*) For the five cows in each breed competing which yield the greatest net profit during the test—

	Jerseys.			Guernseys.		Short-Horns.	
Order of Awards.	Name and No. of Cow.	Order of Merit in 75 Cows.	Net Profit.	Order of Merit in 75 Cows.	Net Profit.	Order of Merit in 75 Cows.	Net Profit.
No. 1.	Ida Marigold 32615...	1st	$6.97	14th	$5.27	5th	$6.27
" 2.	Merry Maiden 64949..	2d	6.56	17th	5.06	10th	5.63
" 3.	Lily Martin 49954.....	3d	6.34	18th	4.82	13th	5.28
" 4.	Signal Queen 30869...	4th	6.34	19th	4.79	24th	4.52
" 5.	Baroness Argyle 40498	6th	6.12	21st	4.66	27th	4.07
Average per cow.....			$6.46		$4.92		$5.15

(*d*) For the five cows in *any breed* competing which yields the greatest net profit during the test—

		Net Profit.
No. 1.	Jersey—Ida Marigold 32615	$6.97
" 2.	" —Merry Maiden 64949	6.56
" 3.	" —Lily Martin 49954	6.34
" 4.	" —Signal Queen 30869	6.34
" 5.	Short-Horn—Nora	6.27

(*e*) For the breed which yields the greatest net profit during the test—*Jerseys.*

The Jerseys Lily Martin and Signal Queen were equal in net profit. By the rules, when a "tie" occurs the award goes to the cow that yields the profit at the least cost.

It is conceded that the Jerseys won at every point in this test, and with a large margin of profit to spare.

They gave the most milk, containing the greatest percentage of fat and solids, and consequently the greatest amount of cheese.

They gave a net profit per cow *over* the other breeds which of itself would constitute a fair profit to the ordinary dairyman. Out of the 75 cows competing, the Jerseys have 14 in the first 25 with an average net profit per cow of $5.75⅞, the Guernseys 7 with an average net profit per cow of $4.79, and the Short-Horns 4 with an average net profit per cow of $5.42½.

The lowest Jersey in net profit out of the 75 is 53d, with net profit of $3.11, while the Guernseys have 8 lower, ranging down to a net profit of $1.91, and the Short-Horns 14 lower, ranging down to a net profit of $1.08.

The tables on pp. 237 and 238 give the amount and value of products, cost of feed and net profit of the 75 cows engaged in the test, placed in their relative order of merit.

The quantity of milk required to make a pound of cheese was: Jerseys, 9.16 lbs.; Guernseys, 9.67 lbs.; Short-Horns, 11.31 lbs.

The table below has been compiled to show the average net profit per cow per day of the various breeds, leaving out fractional parts of cents:

AVERAGE NET PROFIT PER COW PER DAY FOR 15 DAYS.

Cents		46	43	42	41	40	39	38	37	36	35	34	33	32	31	30	28	27	26	25	24	23	22	21	20	19	18	16	15	12	09	07	
No. of Cows.	Jerseys	1	1	2	..	2	1	1	..	1	1	1	1	..	1	1	1	..	..	3	1	..	4	1	1	..	..	..	..	..	..	..	25
	Guernseys	..	..	..	..	..	..	..	..	..	1	..	1	1	2	1	1	..	1	..	1	2	2	4	2	1	1	2	..	2	..	..	25
	Short-Horns	..	..	..	1	..	..	..	1	..	1	..	..	..	..	1	..	2	1	..	1	1	..	1	3	3	1	2	4	..	1	1	25

COMPOSITION OF JERSEY HERD IN TEST NO. 1—CHEESE TEST, 15 DAYS, MAY 12 TO MAY 26 (INCLUSIVE), 1893.

Cheese, Whey and Increase in Live Weight formed Basis of Net Profit.

No. of Cow.	Name and Herd Register No. of Cow.	Breeder.	Owner.	Date Dropped.	Date of Last Calf.	Where Calf was Dropped.
1	Sheba Rex 47429	O. A. Rockwell, Bloomfield, Conn	T. A. Havemeyer, Mahwah, N. J	Nov. 25, 1885	Feb. 22, 1893	World's Fair Grounds.
2	Natasqua 65598	Cyrus Coe, Middlefield, Conn	T. A. Havemeyer, Mahwah, N. J	Apr. 14, 1888	Mar. 1, 1893	"
3	Exile's Lulu 49984	P. J. Cogswell, Rochester, N. Y	C. I. Hudson, New York, N. Y	Nov. 18, 1886	Apr. 15, 1893	"
4	Albert's Gem 34006	Moulton Bros., West Randolph, Vt	F. A. Schermerhorn, Lenox, Mass	Dec. 13, 1884	Apr. 11, 1893	"
5	Tristeka 28332	C. S. Taylor, Burlington, N. J	C. S. Taylor, Burlington, N. J	Mar. 6, 1884	Mar. 29, 1893	"
6	Little Goldie 38671	W. E. Matthews, Huntsville, Ala	C. I. Hood, Lowell, Mass	Nov. 6, 1884	Apr. 10, 1893	"
7	Alteration 56436	S. H. Moore, Huntsville, Ala	W. E. Matthews, Huntsville, Ala	Sep. 25, 1887	Mar. 30, 1893	"
8	Justa Pogis 64863	R. Douglas, Lexington, Ky	Ky. Agric. Exp. Station, Lexington, Ky.	Sep. 21, 1888	Apr. 1, 1893	"
9	Gay Orphan 25985	P. Le Feuvre, Trinity, I. of J	Ky. Agric. Exp. Station, Lexington, Ky.	Feb., 1882	Jan. 1, 1893	Lexington, Ky.
10	Sayda 3d 17317	E. Morse, Thomaston, Conn	Edgar Brewer, Hockanum, Conn	Feb. 11, 1882	Mar. 13, 1893	World's Fair Grounds.
11	Pearl of Riverside 55659	C. Huntington, Higganum, Conn	H. A. Huntington, Nashville, Tenn	Feb. 18, 1889	Mar. 24, 1893	"
12	Lorita 33750	Richardson Bros., Davenport, Iowa	C. A. Sweet, Buffalo, N. Y	Dec. 15, 1883	Feb. 28, 1893	"
13	Flora Temple 3d 40086	S. D. Newell, Bristol, Conn	Frederic Bronson, Southport, Conn	May 12, 1886	Apr. 1, 1893	"
14	Brown Bessie 74997	Richardson Bros., Davenport, Iowa	H. C. Taylor, Orfordvil e, Wis	Mar. 27, 1885	Apr. 21, 1893	"
15	Lily Martin 49954	M. C. Campbell, Spring Hill, Tenn	M. C. Campbell, Spring Hill, Tenn	May 4, 1887	Apr. 7, 1893	"
16	Annice Magnet 60256	John Boyd, Elmhurst, Ill	John Boyd, Elmhurst, Ill	Mar. 14, 1889	Mar. 14, 1893	"
17	Hugo's Countess 68394	M. G. Jacobs, Independence, Mo	D. L. Heinsheimer, Glenwood, Iowa	Nov. 18, 18 7	Mar. 7, 1893	"
18	Ida Marigold 32615	Miller & Sibley, Franklin, Pa	C. A. Sweet, Buffalo, N. Y	June 2, 1 85	Apr. 29, 1893	"
19	Daisy Hinman 61537	Miller & Sibley, Franklin, Pa	Ayer & McKinney, Philadelphia, Pa	Dec. 18, 1885	Jan. 4, 1893	World's Fair (premature)
20	Merry Maiden 64949	Richardson Bros., Davenport, Iowa	O. & C. T. Graves, Maitland, Mo	Sep. 26, 1888	Apr. 15, 1893	World's Fair Grounds.
21	Pretty Marchioness 62569	T. S. Cooper, Coopersburgh, Pa	W. W. Law, Whitson, N. Y	Sep. 9, 1885	Mar. 7, 1893	"
22	Signal Queen 30869	G. M. Jewett, Zanesville, Ohio	Frank Eno, Pine Plains, N. Y	Oct. 17, 1883	Apr. 4, 1893	"
23	Grace Pansy 2d 18764	L. J. Hill, Atlanta, Ga	Geo. V. Green, Hopkinsville, Ky	Jan. 11, 1883	Mar. 5, 1893	"
24	Princess Honoria 62548	F. Billings, Woodstock, Vt	Est. of Fred'k Billings, Woodstock, Vt.	Nov. 18, 1889	Apr. 26, 1893	"
25	Baroness Argyle 40498	E. S. Henry, Rockville, Conn	E. S. Henry, Rockville, Conn	Sep. 22, 1886	Apr. 21, 1893	"

RECORDS OF JERSEY COWS AND GUERNSEY AND SHORT-HORN HERDS IN TEST NO. 1, CHEESE TEST.

No. of Cow.	Jerseys. Name and Herd Register No. of Cow.	(1) Feed Weighed Out for 15 Days. Hay.	Silage.	Oil Meal.	Corn Meal.	Bran.	Oats.	Cotton-Seed Meal.	Corn-Hearts.	Mids.	Grano-Gluten.	(1a) Value Eaten.	Live Weight. (2) Average Weight First 5 Days of Test.	(3) Average Weight Last 5 Days of Test.	(4) Gain.	Loss.	Net Gain.	Values of Live Weight. (5) Gain.	Loss.	(6) Net Gain.
		lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.		lbs.	lbs.	lbs.	lbs.	lbs.			
1	Sheba Rex 47429	135.8	130.0	15.72	25.90	93 50	19.25	45.98	101.36	70.42	....	$4.04	926	928	2	....	....	$0.09	....	....
2	Natasqua 65598	135.8	126.0	12 13	18 87	72.97	15.35	37.20	79.36	54.22	....	3.39	816	808	....	8	....	....	$0.36	....
3	Exile's Lulu 49984	135.8	128.3	13.50	22.50	81.51	16.05	40.40	86.91	61.60	....	3.65	880	894	14	....	....	.63	....	....
4	Albert's Gem 34006	135 8	125.2	14.81	23.31	87.77	18 28	44.20	96 16	66.55	....	3.86	851	872	21	....	....	.95	....	....
5	Tristeka 28332	135.8	150.3	13 58	22 87	81 60	16.40	40.57	87.30	61.60	. ..	3.70	901	896	....	5	....	....	.23	....
6	Little Goldie 38671	135.8	154.4	14.42	21.50	85.69	18.03	43.02	95.10	64.23	....	3.86	976	989	13	....	....	.59	....	....
7	Alteration 56436	135.8	153.0	13.83	22.00	82.38	17.25	41.27	89 62	61.52	....	3.73	791	800	9	....	....	.41	....	....
8	Justa Pogis 64863	135.8	156.9	14 79	24 33	88.02	18.04	44.12	95 10	66.52	....	3.92	834	864	30	....	....	1.35	....	....
9	Gay Orphan 25985	135.8	159.3	14.92	24 58	88.74	18.08	44.61	95.91	67.27	. ..	3.96	914	930	16	...	....	.72	....	....
10	Sayda 3d 17317	135 8	162.1	15.87	25.50	94.18	19.31	47.39	102.65	71.36	....	4.12	965	965	....	....	....	....	....	....
11	Pearl of Riverside 55659	135.8	162.2	15.03	24.92	89.48	18.16	44.83	96 38	67.80	....	3.97	982	986	4	....	....	.18	....	....
12	Lorita 33750	135 8	161.2	14.83	25.15	88.52	17.85	44.30	94.70	67 00	...	3.96	988	997	9	....	....	.41	....	....
13	Flora Temple 3d 40.86	135.8	155.8	14 69	23.68	87.53	17 76	43 89	95.06	66.38	....	3 90	964	982	18	....	....	.81	....	....
14	Brown Bessie 74997	135.8	154.4	16.10	25.56	95 16	19.76	48 15	104 52	71.99	....	4.18	966	967	1	....	....	.05	....	....
15	Lily Martin 49954	135 8	162.0	15.07	24.43	89.70	18 25	44.99	97.23	67.80	....	3.99	887	936	49	....	....	2 20	....	....
16	Annice Magnet 60256	135.8	166 6	15.34	25.07	91.28	18.58	45.83	98.88	69.18	....	4.07	859	856	....	3	....	....	.14	....
17	Hugo's Countess 68394	135 8	169.9	15.80	25.86	93.87	19.15	47.18	101.73	71.13	....	4.14	982	998	16	....	....	.72	....	....
18	Ida Marigold 33615	135.8	170.4	16 21	26.00	95.88	19.35	48 46	104.88	73.19	....	4.23	1078	1106	28	....	....	1.26	....	....
19	Daisy Hinman 61537	135.8	157.0	14 41	21.84	85.54	17.83	42.99	94.55	65.60	....	3.85	892	899	7	....	....	.31	....	....
20	Merry Maiden 64949	135 8	161.1	15.48	23.80	91.21	19.18	46.25	101.31	69.08	....	4.05	906	924	18	....	....	.81	....	....
21	Pretty Marchioness 62569	135.8	154 0	13.91	22.93	83.28	16.87	41.64	89.46	62.81	....	3.75	849	863	14	....	....	.63	....	....
22	Signal Queen 30869	135.8	165 1	15.84	27.10	94.19	18 64	47.24	100 66	71.81	....	4 14	980	1023	43	....	....	1.94	....	....
23	Grace Pansy 2d 18764	135.8	160.0	14.35	24.23	85.47	17 43	42.80	91.62	64 59	....	3.86	1041	1065	24	....	....	1.08	....	....
24	Princess Honoria 62548	135.8	130.8	13 32	21.46	80.06	16.16	39.76	86 28	59.99	....	3.60	845	840	....	5	....	....	.23	....
25	Baroness Argyle 40498	135.8	164.1	16.22	26.41	96 34	19.34	48 47	104.67	73.07	....	4.22	914	926	12	....	....	54	....	....
	Totals	3395.0	3840 1	370.18	600.0	2203 87	450.35	1105 53	2391.4	1666.71	....	....	22987	23314	348	21	327	....	....	....
	Total values	$19.52	$7.68	$4.07	$6 60	$13.76	$5.17	$14.37	$16 14	$10 83	....	$98.14	....	....	....	....	....	$15.68	$0.96	$14.72
Guernsey Herd.	Totals	5000.0	1765.0	519 0	994 7	1533.0	409.75	385.75	449.5	.....	377 0	....	22954	23434	....	....	486	....	....	....
	Total values	$28.75	$3.53	$5.71	$10.94	$9.58	$4.71	$5.01	$3.03	.....	$4.99	$76.25	....	....	....	....	....	$22.37	$0.77	$21.60
Short-Horn Herd.	Totals	4784.3	5977.8	370.95	997.1	1193.8	1644.8	681.5	519.0	948 45	....	....	28319	29028	....	....	709	....	....	....
	Total values	$27.51	$11.96	$4.08	$10.97	$7.46	$18.91	$8.86	$3.45	$6.16	....	$99.36	....	....	....	....	....	$32.33	$0.42	$31.91

RECORDS OF JERSEY COWS AND GUERNSEY AND SHORT-HORN HERDS IN TEST NO. 1, CHEESE TEST.

No. of Cow.	Jerseys. Name and Herd Register No. of Cow.	(7) Milk.	(8) Pounds of Fat.	(9) Estimated Butter 80 % Oil.	(10) Weight of Solids.	(11) Equivalent to Cheese.	(12) Whey.	Value of Products. (13) Cheese.	(14) Whey.	(15) Live Weight.	(16) Total.	(17) Net Profit Less Cost of Food.
		lbs.	lbs.	lbs.	lbs.	lbs.	lbs.					
1	Sheba Rex 47429	593 4	28.01	35.01	84 67	65 70	516.9	$8 78	$0.41	$0.09	$9 28	$5 24
2	Natasqua 65598	429.2	32 43	28.04	64.85	50 33	373.4	6 74	.30	—.36	6.68	3 29
3	Exile's Lulu 49984	632.0	24 59	30.74	83.71	64.95	550.4	8.68	.44	.63	9.75	6 10
4	Albert's Gem 34006	506 3	24.21	30.27	73.71	57.19	440.9	7.64	.35	.95	8.94	5.08
5	Tristeka 28332	454.3	20.67	25.84	65.01	50.26	395.5	6.72	.32	.23	6 81	3 11
6	Little Goldie 38671	563 1	25.30	31 63	79.58	61.74	490 3	8.25	.39	.59	9.23	5 37
7	Alteration 56436	588 2	27.85	34.81	84.37	65.47	512 3	8 75	.41	.41	9 57	5.84
8	Justa Pogis 64863	448.2	21.21	26 51	65.96	51.17	391.3	6.84	31	1.35	8.50	4.58
9	Gay Orphan 25985	422.3	22.77	28 47	63.45	49 21	367.6	6.57	.29	.72	7.58	3.62
10	Sayda 3d 17317	524 4	23 21	29.01	73.25	56.82	456 7	7.59	.37	.00	7.96	3.84
11	Pearl of Riverside 55659	509.3	24.18	30.23	74.27	57.62	443.5	7.70	.35	18	8.23	4.26
12	Lorita 33750	444.7	21.43	26.79	63 53	49.31	387.5	6.59	.31	.41	7.31	3.35
13	Flora Temple 3d 40086	526.9	22.56	28.20	71.32	55.33	458.9	7.39	.37	.81	8 57	4.67
14	Brown Bessie 71997	639.1	28.04	35.05	88.21	68 47	556 6	9.14	.15	.05	9.64	5 46
15	Lily Martin 40954	573.4	21 65	27.06	74.56	57.86	499.4	7.73	.40	2.20	10 33	6.34
16	Annice Magnet 60256	492.8	23 24	29.05	70.18	54.45	429.1	7.27	.34	—.14	7.47	3.40
17	Hugo's Countess 68394	628.4	26 24	32 77	86.25	66 91	547.3	8.94	.44	.72	10.10	5 96
18	Ida Marigold 32615	673.6	28 07	35.09	91.40	70.92	586.6	9.47	.47	1.26	11.20	6.97
19	Daisy Hinman 61537	444.2	21 56	26 95	63.94	49.61	386.8	6.64	.31	.31	7.26	3.41
20	Merry Maiden 64949	624.6	30.73	38.42	90.32	70 07	543.8	9 36	.44	.81	10 61	6.56
21	Pretty Marchioness 62569	432.6	18.25	22 81	59 00	45.77	376.6	6.12	.30	.63	7 05	3.30
22	Signal Queen 30869	581.0	24.03	30.04	78.56	60.97	505 9	8.14	.40	1.91	10 48	6 34
23	Grace Pansy 2d 18764	419 3	20.64	25.80	60.58	46.98	365 2	6.28	.29	1.08	7.65	3 79
24	Princess Honoria 62548	488 2	22.78	28.48	70.58	54.75	425 1	7.31	.34	—.23	7.42	3.82
25	Baroness Argyle 40498	656 9	28.39	35.49	90.09	69.90	571.9	9.34	.46	.54	10.34	6.12
	Totals.	13236.4	602.01	752.56	1871.41	1451.76	11578 5	.....	.....	.....	.....	.....
	Total values	.....	.....	.....	.....	.....	.....	$193.98	$9.26	$14.72	$217.96	$119.82
Guernsey Herd.	Totals.	10938 6	188 42	610.53	1503.80	1130 62	9666.7	.....	.....	.....	.....	.....
	Total values	.....	.....	.....	.....	.....	.....	$135.22	$7 73	$21.60	$164.55	$88.30
Short-Horn Herd.	Totals.	12186.9	436 60	545 75	1544.28	1077.60	10838.9	.....	.....	.....	.....	.....
	Total values	.....	.....	.....	.....	.....	.....	$140.14	$8.67	$31 91	$180.72	$81.36

FEED AND ALL PRODUCTS OF 75 COWS IN TEST NO. 1, RANKED IN ORDER OF MERIT—1.

Order of Merit.	Name.	Breed.	Owner.	Amount Products.				Value Products.			Summary.		
				Milk.	Cheese.	Whey.	Live Weight, Gain or Loss (—).	Cheese.	Whey.	Live Weight, value, Gain or Loss (—).	Total Value of Products.	Cost of Food.	Net Profit.
				lbs.	lbs.	lbs.	lbs.						
1st.	Ida Marigold 32615	Jersey	C. A. Sweet	673.6	70.92	586.6	28	$9.47	$0.47	$1 26	$11.20	$4.23	$6.97
2d.	Merry Maiden 64949	Jersey	O. & C. T. Graves	624.6	70.07	543.8	18	9.36	.44	.81	10 61	4 05	6.56
3d.	Lily Martin 49954	Jersey	M. C. Campbell	573.4	57.86	499.4	49	7.73	.40	2.20	10 33	3.99	6 34
4th.	Signal Queen 30869	Jersey	Frank Eno	581.	60 97	505.9	43	8.14	.40	1.94	10 48	4.14	6.34
5th.	Nora	Short-Horn	Daniel Sheehan & Sons	633 1	60.56	590.	56	7 88	.47	2 52	10.87	4 60	6.27
6th.	Baroness Argyle 40498	Jersey	E. S. Henry	656.9	69.90	571.9	12	9 34	.46	.54	10.34	4.22	6.12
7th.	Exile's Lulu 49984	Jersey	C. I. Hudson	632.	64.95	550.4	14	8.68	.44	.63	9.75	3.65	6.10
8th.	Hugo's Countess 68394	Jersey	D. L. Heinsheimer	628.4	66.91	547.3	16	8.94	.44	.72	10.10	4.14	5.96
9th.	Alteration 56436	Jersey	W. E. Matthews	588 2	65.47	512.3	9	8 75	.41	.41	9.57	3.73	5 84
10th.	Betsey 7th	Short-Horn	Flora V. Spencer	483.	42 94	429 6	66	5 58	.34	2 97	8.89	3.26	5.63
11th.	Brown Bessie 74997	Jersey	H. C. Taylor	639.1	68 47	556.6	1	9 14	.45	.05	9 64	4.18	5.46
12th.	Little Goldie 38671	Jersey	C. I. Hood	563 1	61 74	490.3	13	8.25	.39	.59	9.23	3.86	5 37
13th.	Genevieve	Short-Horn	W. W. Waltmire	685.2	59.13	609.4	34	7.69	.49	1.53	9 71	4.43	5 28
14th.	Sweet Ada	Guernsey	John M. Eddy	535.	54 05	472.7	37	6.47	.38	1.67	8.52	3.25	5 27
15th.	Sheba Rex 47429	Jersey	T. A. Havemeyer	593.4	65 70	516.9	2	8.78	.41	.09	9.28	4.04	5.24
16th.	Albert's Gem 34006	Jersey	F. A. Schermerhorn	506.3	57.19	440.9	21	7 64	.35	.95	8.94	3.86	5 08
17th.	Amanda	Guernsey	Jas. Logan Fisher	482.2	52.56	426.2	21	6.29	.34	.95	7.58	2.52	5.06
18th.	Materna	Guernsey	N. K. Fairbank	597.2	62 01	527.7	7	7.42	.42	.31	8.15	3.33	4.82
19th.	Select 8th	Guernsey	Francis Shaw	545.6	56.35	482.2	29	6 74	.39	.90	8.03	3 24	4 79
20th.	Flora Temple 3d 40086	Jersey	Frederic Bronson	526.9	55.33	458 9	18	7 39	.37	.81	8.57	3.90	4 67
21st.	Rosette 5th	Guernsey	Levi P. Morton	582.8	56.54	515.	11	6.75	.41	.63	7.79	3.13	4 66
22d.	Jeweler's Jessie	Guernsey	Francis Shaw	455 4	45.68	402 4	42	5.43	.32	1.89	7.67	3 08	4 59
23d.	Justa Pogis 64863	Jersey	Ky. Agr. Exp. Station	448.2	51.17	390 3	30	6 84	.31	1 35	8 50	3.92	4 58
24th.	Kitty Clay 7th	Short Horn	Flora V. Spencer	437 8	37 79	389 8	57	4.91	.31	2.57	7.79	3 29	4.52
25th.	Ethics of Cornwall	Guernsey	G. Howard Davison	494.	50 66	436.6	21	6 06	.35	.94	7 35	3 01	4 34
26th.	Pearl of Riverside 55659	Jersey	H. A. Huntington	500.3	57.62	443 5	4	7 70	.35	.18	8 23	3 97	4 26
27th.	Bashful 2d	Short-Horn	William Miller	658.	58.32	585.2	8	7.59	.47	.36	8.42	4 35	4.07
28th.	Fancy 11th	Short-Horn	J. S. Thornton & Son	429.1	41 61	381.6	60	5.41	.31	2.70	8 42	4 37	4.05
29th.	Lottie C. 2d	Guernsey	Joseph Evans	461.2	46.28	407 6	28	5.53	.33	1 26	7 12	3.08	4 04
30th.	Marchioness 6th	Short-Horn	T. Ballantyne	540.5	48.64	480.7	49	6.32	.39	2.20	8.91	4 98	3 93
31st.	Sayda 3d 17317	Jersey	E. Brewer	524 4	56 82	456 7	0	7.59	.37	0	7 96	4 12	3 84
32d.	Princess Honoria 62548	Jersey	Fred'k Billings Estate	488.2	54 75	425 1	5	7.31	.34	.23	7.42	3.60	3 82
33d.	Grace Pansy 2d 18764	Jersey	George V. Green	419.3	16.98	365.2	24	6 28	.29	1.03	7.65	3.86	3.79
34th.	Bella of the Touillets	Guernsey	Francis Shaw	407.6	40.88	360.3	35	4.89	.29	1.58	6.76	3.10	3.66
35th.	Gay Orphan 25985	Jersey	Ky. Agr. Exp. Station	422 3	49 21	367.6	16	6.57	.29	.72	7 58	3.96	3.62
36th.	Butterfly 3d	Short-Horn	Emory Cobb	493.8	41.78	444.6	57	5.43	.36	2.57	8 36	4.76	3.60
37th.	Emma Abbott 3d	Short-Horn	I. U. Wetmore	522.1	44.77	463.4	19	5.82	.37	.86	7.05	3.47	3.58
38th.	Mernie	Guernsey	George C. Hill & Son	429.	47.57	379.	17	5.69	.30	.76	6.75	3.19	3.56

FEED AND ALL PRODUCTS OF 75 COWS IN TEST NO. 1, RANKED IN ORDER OF MERIT—2.

Order of Merit.	Name.	Breed.	Owner.	Amount Products.				Value Products.			Summary.		
				Milk.	Cheese.	Whey.	Live Weight, Gain or Loss (—).	Cheese.	Whey.	Live Weight, value, Gain or Loss (—).	Total Value of Products.	Cost of Food.	Net Profit.
				lbs.	lbs.	lbs.	lbs.						
39th.	Jane Ash	Guernsey	Walter Cutting	360.7	39.40	318.8	38	$4.71	$0.25	$1.71	$6.67	$3.13	$3.54
40th.	Honor	Guernsey	Edward Norton	418.3	41.21	369.6	25	4 93	.30	1.13	6 36	2.91	3.42
41st.	Daisy Hinman 61537	Jersey	Ayer & McKinney	444.2	49.61	386.8	7	6.64	.31	.31	7.26	3.85	3.41
42d.	Annice Magnet 60256	Jersey	John Boyd	492.8	54.45	429.1	—3	7 27	.31	—.14	7.47	4.07	3.40
43d.	Mina 2d	Guernsey	Levi P. Morton	398.2	39 96	351.9	31	4 78	.28	1 40	6.46	3.08	3.38
44th.	Lorita 33750	Jersey	C. A. Sweet	444.7	49.31	387 5	9	6 59	.31	.41	7.31	3 96	3.35
45th.	Pretty Marchioness 62569	Jersey	Walter W. Law	432.6	45.77	376 6	14	6.12	.30	.63	7.05	3.75	3.30
46th.	Natasqua 65598	Jersey	T. A. Havemeyer	429 2	50 33	373.4	—8	6 74	.30	—.26	6 68	3.39	3.29
47th.	Daisy Flower	Guernsey	S. L. Hoxie	408.1	42.43	360.6	17	5 07	.29	.76	6 12	2.91	3.21
48th.	Panacea	Guernsey	J. R. Scott	373 2	39 36	329.8	29	4 71	.26	1 30	6 27	3.08	3.19
49th.	Iza	Short-Horn	A. Morse	416 3	39 82	396.9	32	5 18	.32	1 14	6.91	3 74	3.17
50th.	Prudie 3d	Guernsey	Clover Ridge Farm	391.2	38 87	345.7	23	4.65	.28	1.04	5 97	2.82	3.15
51st.	Countess Cora	Guernsey	Francis Shaw	406 3	42 38	359.1	16	5.07	.29	.73	6.09	2.91	3.15
52d.	Waterloo Daisy	Short-Horn	F. Martindale	714.1	64 05	635.4	21	8 33	.51	.94	7 90	1 78	3.12
53d.	Tristeka 28332	Jersey	C. S. Taylor	454.3	50.26	395.5	—5	6.72	.32	.23	6 81	3.70	3.11
54th.	Orange Girl	Short Horn	E. G. Meriwether	433 4	38 24	385.5	30	4 97	.31	1.35	6 63	3 60	3.03
55th.	Martha Scott	Guernsey	Alexander Scott	372.5	37 88	329.3	27	4 53	.26	1.22	6.01	3.00	3.01
56th.	Ovation	Guernsey	A. J. Cassatt	416.2	42.11	367.7	17	5.04	.29	.76	6.09	3.08	3.01
57th.	Fillpail 9th	Short-Horn	Flora V. Spencer	367.7	35.65	327.	36	4 64	.26	1.62	6 52	3.51	3.01
58th.	Azalea	Short-Horn	A. Morse	495	44 54	440 3	6	5.79	.35	.27	6.41	3.43	2.98
59th.	Fillpail 8th	Short Horn	Flora V. Spencer	307 2	27 71	273.2	62	3 61	.22	2.79	6.62	3.66	2.96
60th.	Lawn Tennis	Guernsey	Silas Betts	394.	41 56	348.2	18	4.97	.28	.80	6 05	3 15	2.90
61st.	Plumwood Belle	Short-Horn	Christian Hintz	411.	41.40	392.2	25	5.38	.31	1.12	6.81	3.94	2.87
62d.	Lady of Ellerslie	Guernsey	Levi P. Morton	423.7	47.47	374.4	11	5 68	.30	.50	5.48	2.68	2.80
63d.	Be le Price	Short Horn	Daniel Sheehan & Sons	527.9	44.94	469 6	11	5.84	.38	.49	6 71	3.92	2.79
64th.	Miss Cowslip	Guernsey	E. F. Bowditch	393.	40.37	347.4	11	4 83	.28	.50	5 61	3.13	2.48
65th.	Claudia	Guernsey	James Logan Fisher	328.9	45.04	379.1	—4	5 39	.30	—.18	5.51	3.07	2.44
66th.	Maid of Oxford 2d	Short-Horn	A. Morse	432.5	36 82	393.7	24	4.79	.31	1.08	6.18	3.77	2.41
67th.	Rosa	Short Horn	Pennsylvania Reform School	439.7	36.31	391.1	15	4 72	.31	.68	5.71	3.31	2 40
68th.	Lucy Ann	Short Horn	Flora V. Spencer	468.	41 57	416.3	11	5.41	.33	.49	6 23	3.90	2.33
69th.	Oxford Bloom 8th	Short-Horn	Arthur Gibson	407.9	36.35	362.8	42	4 73	.29	1.89	6 91	4.58	2.33
70th.	Royal Duchess	Short Horn	J. F Davis	466.7	39 73	415.1	31	5 17	.33	1.40	6.90	4.61	2.29
71st.	Maid of Oxford 3d	Short Horn	A. Morse	449.5	37 40	399 8	20	4 86	.32	.90	6.08	3.81	2.27
72d.	Aldine	Guernsey	Ezra Michener	389.	40 76	343 8	—2	4 87	.27	—.09	5.05	3.13	1.92
73d.	Rosabella	Guernsey	Levi P. Morton	375.3	39.24	331 6	3	4.69	.27	.13	5 09	3.18	1.91
74th.	Christata	Short-Horn	John M. Sterr	440.9	41.13	392.2	17	5 35	.31	.77	4.89	3.50	1.39
75th.	Maud's Antarctic	Short-Horn	B. B Overmeyer	420.	35.12	373.5	—4	47.4	.30	—.18	4.86	3.78	1.08

TEST No. 2—90 DAYS' TEST.

From May 31st to August 28th, both inclusive. Number of cows in test, 75—25 Jerseys, 25 Guernseys and 25 Short-Horns.

By the rules, as amended, each of the breeds had a right, before the beginning of Test No. 1, to nominate three cows as substitutes for Breed Test No. 2, with the option of placing them in the latter test. Each breed nominated three, but only two Jerseys were substituted for those in the 15-day (cheese) test. Islip Lenox, No. 5 in this test, took the place of Tristeka, No. 5 in Test No. 1, and Romp's Princess, No. 21 in Test No. 2, took the place of Pretty Marchioness, No. 21 in Test No. 1; otherwise the Jersey herd remained the same in this as in the former test, and retained the old numbers.

The Guernseys substituted two cows in this test, and the Short-Horns three. No. 24 of the Short-Horns had not calved at the beginning of the test, but did so shortly afterwards, and died almost immediately after calving. By Sec. 10 of the rules, hereafter quoted in full, she should have been charged, not only with the feed consumed by her up to the time she was dropped from the test or died, but also for the balance of the entire time of the test with the average quantity and value of feed consumed by her on the 8th, 9th and 10th days immediately preceding the date of her being dropped from the test or her death, and credited with the value of her products by averaging them on the days above specified with the percentage of increase or decrease in the value of the products of the herd; but as she never gave any milk during the test, there was nothing to be placed to her credit, and it was manifestly unfair that, as she would not contribute anything to the credit of the Short-Horn herd, it should be debited with her feed. By the unanimous vote of the Testing Committee, approved by Chief Buchanan, it was decided not to charge the Short-Horn herd with any feed for this cow. This explains the item of $3.693 deducted from the value of the feed consumed by the Short-Horn herd, being the value of the feed of the dead Short-Horn, No. 24, up to the time of her death, and as it had been carried forward from day to day while she lived, it had to be deducted.

The same precautions were taken in this as in former and other tests to insure accuracy in weight of milk and in samples of milk sent for analysis, in sending the milk to the dairy, in retaining it there intact under seal until taken out in the presence of Professor Babcock or Roberts, in having the cream separated from the milk, and in preventing any feed being given to the cows except when weighed out and fed in the presence of a representative of the Testing Committee. An additional precaution was taken by placing a wire screen down the middle of the Jersey barn, to separate the cows in the test from those not in it, and by having all the feed for cows not in the test retained under seal; nor was any feed permitted to be brought into the stable for cows not in the test, except in the presence of a representative of the Testing Committee. This representative was also instructed to examine the stalls of all cows before milking.

Column A represents the average weight of the Jersey cows and of all the herds for the first five days of the test, Column B for the five days immediately preceding the termination of same, C and D the gain or loss in live weight, and E, F and G the value of same at 4½c. per pound.

Column 2 represents the quantity, composition and value of the feed fed during the test;

Column 3, the quantity of milk given during the test; and

Column 4, the actual quantity of oil or fat contained in the whole milk, ascertained daily from the milk of each cow by the Babcock oil test. While the butter was not credited by the fat in the milk, the oil test acted as a check on the churn, by which the butter was credited, and it enabled the butter to be properly divided ratably among the cows in proportion to the quantity of fat contained in the milk of each cow. The butter-making was under the direct supervision of Professor Babcock or Roberts. The butter was analyzed by experts appointed by Chief Buchanan, and was scored by the following scale of points:

Flavor	55
Grain	25
Solidity	10
Color	10
Total	100

The price of butter was fixed prior to the test beginning by Chief Buchanan, based on the average price at that time prevailing for a gilt-edge article of butter in the markets of the East and West, and was as follows:

That scaling from 75 to 80 points was credited at 25 cents per pound.
From 80 to 85 points at 30 cents per pound.
" 85 " 90 " " 35 " " "
" 90 " 95 " " 40 " " "
" 95 " 100 " " 45 " " "

Column 5 represents the butter made by the herds in the churn, which was ratably distributed among the individual cows and the herds, all the butter being analyzed and credited on the basis of 80 per cent. butter fat.

Section 28 of the rules provided that—"The amount to be credited daily to each breed from the buttermilk and skim-milk produced from the milk of such breed in tests Nos. 2 and 4 will be ascertained from the determination of the solids other than fat in such buttermilk or skim-milk," "such solids other than fat to be credited to each breed daily at 2c. per lb."

Column 6 represents the total solids other than fat credited to the cows and herds, found in the buttermilk and skim-milk by analysis, as provided for in Section 28, and Column 7 the amount in the whole milk ascertained by analysis.

Column 8 gives the values of butter after the same had been scored, and solids other than butter fat ascertained and credited as above set out. From these amounts are to be deducted the values of feed consumed, as set out at the end of Column 2, and the resulting figures are set out in Column 9. To

these values must be added the value of increase in live weight at 4½c. per pound, or value of decrease must be deducted, as set out in Columns E and F, and the result is the figures set out in Column 10. From these values is to be deducted the cost of color used in butter (Column 11), and the final net profit is set out in Column 12.

Section 9 of the rules provides that—"No cow will be dropped from any test unless a certificate of illness is furnished by the veterinary surgeon" (appointed by the World's Columbian Exposition), and Section 10 enacts that—

"No cow shall be substituted for another during the continuance of any test. In case a cow dies, or is dropped from any test for more than seven consecutive days, in accordance with Sec. 9, the breed to which she belongs shall be credited or debited, in determining the awards to breeds, in the following manner: The average value of her milk for the first three days of the ten days immediately preceding the day on which she was dropped shall be credited daily to the breed to which she belongs in the manner provided for individual cows in Sections 32, 33 and 35. Said credit shall begin with the eighth day after such cow was dropped and continue to the end of the test in which the sickness occurred, or until said cow is reinstated on the recommendation of the veterinary surgeon, approved by the Chief of the Department of Agriculture. The total value of the product of such cow ascertained as above shall be credited or debited with the percentage of increase or decrease in the value of the product of the herd to which the cow belongs from the date she was dropped to the end of the test, or until reinstated. Said cow will be debited during the same period with the average daily value of food consumed by her prior to being dropped; and, in addition, there will be credited to the breed her weight at the beginning of the test, in case the cow dies or is not reinstated."

Annice Magnet (No. 16 in the test) was taken sick, and declared "off the test" on the 18th of June. At that time she was averaging in milk about 31 to 32 lbs. a day, and shrank to one pound a day. She was reinstated on the 8th of July, although she had not then recovered her health or flow of milk—giving but 13.3 lbs. for the 24 hours after she was reinstated, and on the last day of July but 23.5 lbs. of milk, and never again giving higher than 24.3, and that but on one day. A protest was entered by the superintendent of the Jerseys to Chief Buchanan against this action, but it was overruled, the principle being laid down that when a cow was giving normal milk she was to be reinstated, regardless of whether her permanent future health or usefulness would be affected thereby, or without regard to what milk, butter or solids she was giving at the time of her reinstatement, or how it compared with her past production prior to her being declared "off the test." This cow had been doing very well up to the time she was taken sick, often making 2 lbs. of butter per day, but after she was reinstated it could not be expected that she would keep up her flow of milk, considering her condition of health.

Merry Maiden (No. 20 in the test) was attacked by impaction of the rumen on the 20th of June, and dropped from 36 lbs. on the 19th of June to 13.6 lbs. on the 21st. She was not declared off the test, and gradually recovered her flow, but never reached her old mark. At the time she was taken sick she led, in butter, all the 75 cows competing. Her feed was cut down, and was not fully restored for nearly a month and a half thereafter. Her finishing second in the test was a remarkable occurrence under the circumstances.

Gay Orphan (No. 9 in the test) had an attack of impaction of the rumen on the 12th of July, dropping from 29.1 lbs. of milk on the 11th of July to 1.3 lbs. on the 15th of July, when she was declared "off the test." She was

reinstated on the 22d of July, giving at that time 18.1 lbs. of milk, and gradually returned to her full flow.

Owing to a very sudden and great fall in the temperature, Alteration (No. 7 in the test) took a congestive chill on August 6th, followed by impaction of the rumen, from which she never recovered, and died on August 12th. She was one of the best cows in the entire test, and at the time of her sickness stood fifth among the 75 cows competing. Her death was a great loss, not only to her owner, Mr. C. I. Hood, but to the Jersey interests generally. Little Goldie (No. 6 in the test) was stricken with a like disease on August 27th, and though she lived through the test, expired on the 3d of September. She stood eighth in the test at the time of her sickness, and was doing splendid work. Her loss was a severe one to the Jerseys. Mr. Hood was also her owner. Each one of these cows was stricken without the slightest warning, nor was it peculiar to the Jersey herd alone.

All the cows that were declared "off the test," whether they were reinstated or died, lost seven days' product, but after that received credit by averaging them as provided for in Section 10, before quoted in full.

The average milk per Jersey cow per day for the first seven days of the test was $36\frac{3}{5}$ lbs. The average daily milkings for all Jersey cows throughout the entire test, including sick ones, was 33 lbs. The average length of time each Jersey had been in milk, at the end of the test, was 154 days. In the meantime they had passed through the summer, accompanied by intense heat and swarms of flies, and had been subjected to constant visitors as well as the disturbances of the live stock surrounding them as exhibits.

The figures show that the Jersey herd exceeded the Guernseys in milk by 11,707.1 lbs., and the Short-Horns by 7225.6 lbs.; that in quantity of butter the Jerseys exceeded the Guernseys by 913.57 lbs., and the Short-Horns by 1383.14 lbs.; that the solids not fat of the Jerseys exceeded that of the Guernseys by 963.61 lbs. and the Short-Horns by 714.22 lbs. The value of butter of the Jerseys was $391.94 over the Guernseys, and $575.60 over the Short-Horns. The value of all products, except increase of live weight, after deducting cost of feed, gives the Jerseys an excess net profit of $307.85 over the Guernseys, and $504.17 over the Short-Horns; and after the value of increase in live weight is added at 4½c. per pound, the net profit of the Jerseys is $326.17 over the Guernseys and $413.69 over the Short-Horns—or, $3.62 net profit per day per herd, or 0.14\frac{48}{100}$ per day per cow, over the Guernseys, and $4.60 per day per herd, or 0.19\frac{1}{6}$ per day per cow over the Short-Horns (on the basis of 24 cows to the latter).

The net profit for the 90 days per cow is as follows—Jerseys, $52.95; Guernseys, $39.91; Short-Horns (24 head), $37.92.

The milk required to make one pound of butter was—Jerseys, 17.2 lbs.; Guernseys, 18.4 lbs.; Short-Horns, 22.9 lbs.

The cost of feed per pound of butter was as follows—Jerseys, 13$\frac{75}{100}$c.; Guernseys, 14$\frac{41}{100}$c.; Short-Horns, 17$\frac{36}{100}$c.

The following is the ranking of the 74 cows of all breeds that took part in the test, from two standpoints—Column 1, with increase of live weight added, as provided by the rules of the test; and Column 2, without increase of live weight being taken into consideration:

RECORDS OF ALL COWS IN TEST NO. 2—90 DAYS' TEST.

(1) Columbian Rules, With Live Weight.				(2) Dairyman's Rules, Without Live Weight.				(1) Columbian Rules, With Live Weight.				(2) Dairyman's Rules, Without Live Weight.			
Order of Merit	Breed.	Herd No.	Net Profit.	Order of Merit	Breed.	Herd No.	Net Profit.	Order of Merit	Breed.	Herd No.	Net Profit.	Order of Merit	Breed.	Herd No.	Net Profit.
1	Jersey	14	$73.224	1	Jersey.....	14	$69 579	38	Guernsey..	20	$41.894	38	Jersey.....	23	$41.885
2	"	20	64.513	2	"	20	63.973	39	Short-Horn	19	41.832	39	"	9	41.599
3	"	18	64.154	3	"	18	60.644	40	Jersey. ...	23	41.210	40	Short-Horn	9	40.215
4	"	1	61.597	4	"	17	59.247	41	Short-Horn	11	41.128	41	Guernsey...	16	39.855
5	"	17	60.732	5	"	21	58 843	42	Guernsey..	16	40.845	42	" ..	4	38.054
6	"	25	60.090	6	" ...	1	58.762	43	" ..	4	39.899	43	Short-Horn	13	38.037
7	"	5	59.231	7	"	25	58.650	44	Jersey.....	12	39.498	44	"	11	36.133
8	"	21	59 023	8	Guernsey...	15	58.407	45	"	9	39.349	45	Guernsey...	14	35.501
9	Guernsey..	15	57.822	9	Jersey.....	7	56.099	46	Short-Horn	4	39.168	46	" ..	13	35.313
10	" ..	25	56.717	10	Guernsey...	25	55.682	47	"	5	38.784	47	Short-Horn	18	35.200
11	Jersey	13	56.488	11	Jersey.....	5	54.371	48	"	18	37.675	48	Guernsey...	5	34 286
12	"	7	56.099	12	"	6	53.729	49	"	7	35.710	49	" ..	17	33.948
13	"	6	55.169	13	" ...	13	53.068	50	Guernsey..	5	35.501	50	Short-Horn	5	33.834
14	Guernsey..	24	55.039	14	Guernsey...	24	52.474	51	" ..	13	35.313	51	Guernsey...	3	33.736
15	Jersey. ...	4	53.556	15	Jersey.....	10	51.629	52	" ..	14	35.231	52	Short-Horn	19	33.642
16	Short-Horn	20	52.634	16	Guernsey...	7	50.959	53	Short-Horn	17	35.183	53	Guernsey...	21	33.182
17	Jersey	3	52.526	17	Jersey.....	3	50.726	54	Guernsey..	21	34.712	54	" ..	6	32.859
18	"	15	50.985	18	Guernsey...	8	49.497	55	" ..	3	34.456	55	" ..	10	32.282
19	"	2	50.973	19	Jersey.....	2	49.353	56	Short-Horn	8	34.271	56	Jersey.....	16	31.576
20	"	10	50.684	20	"	4	49.146	57	"	12	34.204	57	Short-Horn	4	30.888
21	" . ..	22	50.419	21	"	22	48.799	58	Guernsey..	17	33 903	58	Guernsey...	9	30.572
22	Guernsey..	7	50 284	22	Guernsey...	1	48.461	59	Short-Horn	3	33.580	59	Short-Horn	7	30.310
23	Short-Horn	21	50.264	23	Jersey.....	15	47.970	60	Guernsey..	6	33.579	60	"	17	29.918
24	Guernsey..	8	50.172	24	Short-Horn	20	47 459	61	Short-Horn	1	33.288	61	Guernsey...	18	29.724
25	Jersey	8	49.806	25	"	25	47.376	62	Guernsey..	10	33.047	62	" ..	11	29.587
26	"	11	49 041	26	Jersey.....	24	47.144	63	" ..	9	32.057	63	Short-Horn	1	29.238
27	Short Horn	14	48.691	27	" ...	11	46.791	64	*Jersey....	16	31.126	64	Guernsey...	22	29.039
28	"	9	48 450	28	"	8	46.746	65	Short-Horn	22	30.108	65	Short-Horn	3	28.585
29	Jersey.....	24	48 269	29	Short-Horn	14	46.711	66	Guernsey..	11	30.037	66	Guernsey...	19	27.555
30	Short-Horn	25	47.196	30	"	21	46.529	67	" ..	18	29.769	67	Short-Horn	8	26.621
31	Jersey. ...	19	46.050	31	Jersey.....	19	45.870	68	Short Horn	16	29.663	68	"	12	25.877
32	Short-Horn	13	46.002	32	Short-Horn	15	45 735	69	Guernsey..	22	29.039	69	"	16	23.903
33	Guernsey..	1	45.941	33	Guernsey...	12	43 060	70	" ..	19	28.680	70	"	23	23.867
34	" ..	2	45 079	34	" ...	23	42 773	71	Short-Horn	6	28.266	71	"	6	23.541
35	Short-Horn	15	44.880	35	Jersey.....	12	42.693	72	"	23	28.007	72	"	22	22.818
36	Guernsey..	23	44.618	36	Guernsey...	20	42.344	73	"	2	26.397	73	"	2	19.062
37	" ..	12	44.005	37	" ...	2	42.064	74	"	10	24.736	74	"	10	18.481

* Sick.

Analyzing the results by individual cows, the highest net profit per day of any Short-Horn cow is 58 cents, which is exceeded by 12 Jerseys; the highest of any Guernsey, 64 cents, which is exceeded by eight Jerseys, as follows: Brown Bessie, 81 cents per day; Merry Maiden, 71 cents; Ida Marigold, 71 cents; Sheba Rex, 68 cents; Hugo's Countess, 67 cents; Baroness Argyle, 66 cents; Islip Lenox, 65 cents; Romp's Princess, 65 cents. Or, to put it still another way, the following table gives the average net profit per cow per day (leaving out the fractions of cents), and it shows that there are eight Jerseys with 65 cents net profit per day or over, and no Guernseys or Short-Horns:

NET PROFIT PER DAY IN TEST NO. 2.

Cents	81	71	68	67	66	65	64	63	62	61	59	58	56	55	54	53	52	51	50	Cows.
Jerseys	1	2	1	1	1	2	0	0	2	1	1	1	4	1	1	1	0	1	0	21
Guernseys	0	0	0	0	0	0	1	1	0	1	0	0	0	2	0	0	0	1	1	7
Short-Horns	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	6

Cents	49	48	47	46	45	44	43	41	39	38	37	36	35	34	33	32	31	29	27	Total Cows.
Jerseys	0	0	0	0	1	0	2	0	0	0	0	0	0	*1	0	0	0	0	0	25
Guernseys	1	1	0	1	1	1	0	0	3	2	2	1	1	0	2	1	1	0	0	25
Short-Horns	1	0	0	1	1	0	2	1	2	3	0	1	0	0	1	1	2	1	1	24

* Was sick during greater part of test.

It shows that twenty-one Jerseys made a net profit of over 50 cents a day, with six Guernseys and six Short-Horns; that, with the exception of one Jersey that was sick the greater part of the test, all of the Jerseys show a daily net profit of 43 cents or over, to twelve Guernseys and eleven Short-Horns, or more than the Guernseys and Short-Horns combined.

This 90 days' test was the most important of all the tests, as it embraced milk (through the solids other than butter fat), butter and increase in live weight, and it was calculated more than any other test to demonstrate the staying qualities of the cows and the breeds on dry feed, through the prolonged and intense heat that prevailed, with the swarms of flies, the numerous visitors and the other disturbing elements to which the cows were subjected by their environment. It will be noticed that the Jerseys not only secured the first five places, but the first eight, and that they had 18 places out of the first 25 to the seven places of the other two breeds combined.

The following awards were made:

(*a*) For the individual cow in each breed competing which yields the greatest net profit during the test:

Jersey.			Guernsey.		Short-Horn.	
Name of Cow.	Owner.	Net Profit.	Name.	Net Profit	Name.	Net Profit.
Brown Bessie 74997.	C. I. Hood..	$73.224	Materna.....	$57.822	Nora.....	$52.634

(*b*) For the individual cow in any breed competing which yields the greatest net profit during the test:

Jersey—Brown Bessie 74997, owned by C. I. Hood, Lowell, Mass.

(*c*) For the five cows in each breed competing which yield the greatest net profit during the test:

JERSEYS.			GUERNSEYS.		SHORT-HORNS.	
Name of Cow.	Owner.	Net Profit.		Net Profit.		Net Profit.
1. Brown Bessie 74997...	C. I. Hood, Lowell, Mass.....	$73.224	No. 1.	$57.822	No. 1.	$52.634
2. Merry Maiden 64949..	O. Graves, Maitland, Mo.....	64.513	" 2.	56.717	" 2.	50.264
3. Ida Marigold 32615...	C. A. Sweet, Buffalo, N. Y.....	64.154	" 3.	55.039	" 3.	48.691
4. Sheba Rex 47429.....	T. A. Havemeyer, Mahwah, N.J.	61.597	" 4	50.284	" 4.	48.450
5. Hugo's Countess 68394	D L. Heinsheimer, Glenwood, Ia.	60.732	" 5.	50.172	" 5.	47.196
	Totals.....	$324.220		$270.034		$247.235

(*d*) For the five cows in any breed competing which yield the greatest net profit during the test:

1. Jersey—Brown Bessie 74997.
2. " Merry Maiden 64949.
3. " Ida Marigold 32615.
4. " Sheba Rex 47429.
5. " Hugo's Countess 68394.

(*e*) For the breed which yields the greatest net profit during the test—*Jerseys.*

COMPOSITION OF JERSEY HERD IN TEST NO. 2—90 DAYS' TEST—MAY 31 TO AUG. 28, 1893.

Number of Cow.	Name and Herd Register No. of Cow.	Breeder.	Owner.	Date Dropped.	Date of Last Calf.	Where Last Calf Was Dropped.
1	Sheba Rex 47429	O. A. Rockwell, Bloomfield, Conn.	T. A. Havemeyer, Mahwah, N. J.	Nov. 25, 1885	Feb. 22, 1893	World's Fair Grounds.
2	Natasqua 65598	Cyrus Coe, Middlefield, Conn	T. A. Havemeyer, Mahwah, N. J.	Apr. 14, 1888	Mar. 1, 1893	" " "
3	Exile's Lulu 49981	P. J. Cogswell, Rochester, N. Y.	C. I. Hudson, New York, N. Y.	Nov. 18, 1886	Apr. 15, 1893	" " "
4	Albert's Gem 34006	Moulton Bros., West Randolph, Vt.	F. A. Schermerhorn, Lenox, Mass.	Dec. 12, 1884	Apr. 11, 1893	" " "
5	*Islip Lenox 31703	A. P. Foster, Plainview, Minn.	C. I. Hood, Lowell, Mass.	Nov., 1883	May 17, 1893	" " "
6	Little Goldie 38671	W. E. Matthews, Huntsville, Ala.	C. I. Hood, Lowell, Mass.	Nov. 6, 1884	Apr. 10, 1893	" " "
7	Alteration 56436	S. H. Moore, Huntsville, Ala.	W. E. Matthews, Huntsville, Ala.	Sep. 25, 1887	Mar. 30, 1893	" " "
8	Justa Pogis 64863	R. Douglas, Lexington, Ky.	Ky. Agric. Ex. Station, Lexington, Ky.	Sep. 21, 1888	Apr. 1, 1893	" " "
9	Gay Orphan 25985	P. Le Feuvre, Trinity, I. of J.	Ky. Agric. Ex. Station, Lexington, Ky.	Feb., 1882	Jan. 1, 1893	Lexington, Ky.
10	Sayda 3d 17317	E. Morse, Thomaston, Conn.	Edgar Brewer, Hockanum, Conn.	Feb. 11, 1882	Mar. 13, 1893	World's Fair Grounds.
11	Pearl of Riverside 55659	C. Huntington, Higganum, Conn.	H. A. Huntington, Nashville, Tenn.	Feb. 18, 1889	Mar. 23, 1893	" " "
12	Lorita 33750	Richardson Bros., Davenport, Iowa.	C. A. Sweet, Buffalo, N. Y.	Dec. 15, 1883	Feb. 28, 1893	" " "
13	Flora Temple 3d 40086	S. D. Newell, Bristol, Conn.	Frederic Bronson, Southport, Conn.	May 12, 1886	Apr. 1, 1893	" " "
14	Brown Bessie 74997	Richardson Bros., Davenport, Iowa.	C. I. Hood, Lowell, Mass.	Mar. 27, 1885	Apr. 21, 1893	" " "
15	Lily Martin 49954	M. C. Campbell, Spring Hill, Tenn.	M. C. Campbell, Spring Hill, Tenn.	May 4, 1887	Apr. 7, 1893	" " "
16	Annice Magnet 60256	John Boyd, Elmhurst, Ill.	John Boyd, Elmhurst, Ill.	Mar. 14, 1889	Mar. 14, 1893	" " "
17	Hugo's Countess 68394	M. G. Jacobs, Independence, Mo.	D. L. Heinsheimer, Glenwood, Iowa.	Nov. 18, 1887	Mar. 7, 1893	" " "
18	Ida Marigold 32615	Miller & Sibley, Franklin, Pa.	C. A. Sweet, Buffalo, N. Y.	June 2, 1885	Apr. 29, 1893	" " "
19	Daisy Hinman 61537	Miller & Sibley, Franklin, Pa.	Ayer & McKinney, Philadelphia, Pa.	Dec. 18, 1885	Jan. 4, 1893	" " (premature)
20	Merry Maiden 64949	Richardson Bros., Davenport, Iowa.	O. Graves, Maitland, Mo.	Sep. 26, 1888	Apr. 15, 1893	World's Fair Grounds.
21	*Romp's Princess 51185	H. M. McKeldin, Atlanta, Ga.	C. A. Sweet, Buffalo, N. Y.	Mar. 13, 1887	Apr. 17, 1893	" " "
22	Signal Queen 30869	G. M. Jewett, Zanesville, Ohio.	Frank Eno, Pine Plains, N. Y.	Oct. 17, 1883	Apr. 4, 1893	" " "
23	Grace Pansy 2d 18764	L. J. Hill, Atlanta, Ga.	Geo. V. Green, Hopkinsville, Ky.	Jan. 11, 1883	Mar. 5, 1893	" " "
24	Princess Honoria 62548	F. Billings, Woodstock, Vt.	Est. of Fred'k Billings, Woodstock, Vt.	Nov. 18, 1889	Apr. 26, 1893	" " "
25	Baroness Argyle 40498	E. S. Henry, Rockville, Conn.	E. S. Henry, Rockville, Conn.	Sep. 22, 1886	Apr. 21, 1893	" " "

* Substituted cows.

RECORDS OF JERSEY COWS AND GUERNSEY AND SHORT-HORN HERDS IN TEST NO. 2—90 DAYS' TEST.

No. of Cow.	Jerseys. Name and Herd Register No. of Cow.	Live Weight. (A) Average 5 days weighed in.	(B) Average 5 days weighed out.	(C) Gain.	(D) Loss.	(E) Value of Gain.	(F) Value of Loss.	(G) Value of Net Gain.	(2) Feed Used in 90 Days. Cream Gluten.	Corn Meal.	Old Hay.	Silage.	New Hay.	Oil Meal.	Bran.	Oats.	Corn-Hearts.	Cotton-Seed.	Middlings.	Grano-Gluten.	Clover.	Swale-Grass.	Value Eaten.
		lbs.	lbs.	lbs.	lbs.				lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
1	Sheba Rex 47429	928	991	63	....	$2.835	....	.....	.....	.....	324.0	123.0	603.7	191.5	469.0	122.5	566.0	144.50	385.0	34.0	1210.4	10	$24.845
2	Natasqua 65598	808	844	36	....	1.620	....	.....	.....	.....	300.0	123.0	486.6	190.5	398.0	72.0	436.5	124.25	296.0	34.0	1137.4	10	21.078
3	Exile's Lulu 49984	894	934	40	....	1.800	....	.....	.....	.....	298.5	123.0	504.4	189.5	445.0	96 0	556.5	124.50	467.0	46.0	1153.4	10	23.794
4	Albert's Gem 34006	872	970	98	....	4.410	....	.....	.....	.....	310.8	123.0	523 1	191.0	477.0	85.0	563.5	124.25	385.5	34.0	1116.4	10	23.366
5	Islip Lenox 31703	932	1040	108	....	4.860	....	.....	.....	.....	323.0	126.0	525.2	222.0	508.0	149.0	538.5	111.75	349.0	21.0	1108.4	10	23.979
6	Little Goldie 38671	989	sick	*32	....	1.440	....	.....	.....	.....	322.3	149.5	529.7	186.5	510.0	89.0	533.0	126.25	424.0	34.0	1182.4	10	24.035
7	Alteration 56436	800	dead	....	....	.....	....	.....	.....	.....	302.7	210.0	256.6	133 5	335.0	52.0	374.5	93.25	311.0	33.0	1184.4	10	*4.341 18.285
8	Justa Pogis 64863	864	932	68	....	3.060	....	.....	.....	.....	329.0	210.0	518.2	168.0	465.0	83.5	559.5	113 50	310.0	32.0	1165.4	10	22.749
9	Gay Orphan 25985	930	880	....	50	.....	$2.250	.....	.....	.....	282 0	206.5	446.8	163.5	473.5	181.0	330.0	9.50	293.0	33.0	926.4	10	19.270
10	Sayda 3d 17317	965	944	....	21	.....	.945	.....	.....	.....	313.9	210.0	478 2	184.5	545 0	72.5	537.0	121.75	418.0	34 0	1060.4	10	23.270
11	Pearl of Riverside 55659	986	1036	50	....	2.250	....	.....	.....	.....	319.0	210 0	527.8	191.0	522.0	73.0	560.5	111 50	402.0	34.0	1153.4	10	23.773
12	Lorita 33750	997	926	....	71	.....	3.195	.....	.....	.....	305.9	202.5	445.7	179.0	463.5	69.5	450.5	116.25	336.5	33 0	1088.4	10	21.356
13	Flora Temple 3d 40086	982	1058	76	....	3.420	....	.....	.....	.....	319.7	210.0	556.9	187.0	538.0	74 0	567.0	128 50	456.0	34.0	1105.4	10	24.415
14	Brown Bessie 74997	967	1048	81	....	3.645	....	.....	.....	.....	326.0	210.0	643.8	187.5	562.0	76.0	597.0	142.50	405.0	32.0	1209 4	10	25.511
15	Lily Martin 49954	936	1003	67	....	3.015	....	.....	.....	.....	339.0	210.0	594.0	191.0	479.0	93.5	578.0	145.50	434.0	34.0	1204.4	10	25.156
16	Anniee Magnet 60256	856	846	....	10	.....	.450	.....	.....	.....	274.5	210.0	514.7	174.0	334.5	150.0	321.0	92.75	233.0	31 0	447.1	..	*3.408 17.168
17	Hugo's Countess 68394	998	1031	33	....	1.485	.	.....	.....	.....	342.0	210.0	575.5	191.0	506.0	94.5	585.0	144.75	473.5	34.0	1188.4	10	25.492
18	Ida Marigold 32615	1106	1184	78	....	3.510	....	.....	.....	.....	361.0	213.0	639.4	207.0	604.0	92.0	614.5	146.50	470 0	55.0	1209.4	10	27.125
19	Daisy Hinman 61537	899	903	4	....	.180	....	.....	.....	.....	304.0	210.0	531.7	186.0	388.0	159.0	438.5	124.25	277.0	34.0	1126.4	10	22.224
20	Merry Maiden 64949	924	936	12	....	.540	....	.....	.....	.....	322.0	210.0	597.7	180 5	494 0	152.0	535.0	105.75	293.0	33.0	1053.4	10	23.391
21	Romp's Princess 51185	776	780	4	....	.180	....	.....	.....	.....	304.0	210.0	534.1	191.5	450.0	103.0	545.5	126.75	385.0	34.0	1110.4	10	23.434
22	Signal Queen 30869	1023	1059	36	....	1.620	....	.....	.....	.....	327.0	210 0	559.9	188.5	503.0	98.0	509.5	126.75	438.0	34.0	1195.4	10	24.377
23	Grace Pansy 2d 18764	1065	1050	...	15	.....	.675	.....	.....	.....	330 0	195.0	596 5	177.0	395.0	98.0	437.0	115.25	366.0	34.0	1122.4	10	22.345
24	Princess Honoria 62548	840	865	25	....	1.125	....	.....	.....	.....	299.0	111.0	511.4	213.5	523.0	92.0	436.5	111.50	397.0	34.0	1126.4	10	22.899
25	Baroness Argyle 40498	926	958	32	....	1.440	....	.....	.....	.....	361.0	191.5	569.3	202.0	605.0	134.0	578.0	130.25	448.0	42.0	1193.4	10	26.412
	Totals	....	....	911	167	.....	....	.....	.....	.....	7940.3	4617.0	13270.9	4667.0	11992.5	2561.0	12748.5	2962.25	9452.5	867.0	27778.7	240	.....
		....	....	*943	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	$579.749
	Total values	....	....	.....	....	$42.435	$7.515	$34.920	.....	.....	$45.657	$8.326	$66.324	$51.339	$74.953	$29.452	$86.051	$38.509	$61.440	$6.395	$111.153	$0.120	*587.498
	Guernsey Herd. Totals	....	....	466	101	.....	.....	.....	1894.0	1100.75	1434.30	582 0	11795.0	2465.5	13040.5	168 25	7430.0	2063.0	4018.5	3304.5	16110.0	615.0	$473.701
	Guernsey Herd. Total values	....	....	....	....	$20.970	$4.545	$16.425	$16.573	$12.108	$82.473	$0.907	$58.875	$27.120	$81.503	$1.935	$50.152	$26.818	$26.120	$24.370	$64.440	$0.307	*484.141
	Short-Horn Herd. Totals	....	....	2826	23.0	.....	.....	.....	2973.6	705.0	13545.05	51707.4	9565.4	2180.0	10853.5	2078.0	9864.5	3277.0	5773.5	1662 0	726.0	....	.....
	Short-Horn Herd. Total values	....	....	....	....	$127.170	$1.035	$126.135	$26.020	$7.755	$77.880	$68.412	$47.827	$23.980	$67.834	$23.900	$66.585	$42.600	$37.528	$12.257	$2.904	....	$505.482
																					Minus charged to No. 24		3.693
																							$501.789

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* Amounts credited to sick cows "off the test," under Rule 10, or the totals where such credit is added.

RECORDS OF JERSEY COWS AND GUERNSEY AND SHORT-HORN HERDS IN TEST NO. 2—90 DAYS' TEST.

No. of Cow.	Jerseys. Name and Herd Register No. of Cow.	(3) Milk.	(4) Fat.	(5) 80 % Butter.	(6) Total Solids to be Credited.	(7) Solids not Fat in Milk.	(8) Value of Products.	(9) Value of Products less Cost of Food.	(10) Net Gain Plus Color.	(11) Cost of Color.	(12) Total Net Profit.
		lbs.	lbs.	lbs.	lbs.	lbs.					
1	Sheba Rex 47429	3283.3	156.83	190.617	286.445	300.43	$83.620	$58.775	$61.610	$0.013	$61.597
2	Natasqua 65598	2463.9	132.89	161.522	242.695	233.59	70.441	49.363	50.983	.010	50.973
3	Exile's Lulu 49984	3224.5	138.61	168.538	279.941	293.70	74.531	50.737	52.537	.011	52.526
4	Albert's Gem 34006	2666.4	136.43	165.777	239.386	251.11	72.523	49.157	53.567	.011	53 556
5	Islip Lenox 31703	3070.0	146.46	178.066	273.473	286.87	78.362	54.383	59.243	.012	59 231
6	Little Goldie 38671	3284.1	145 22	176.394	285.627	298 80	77.776	53.741	55.181	.012	55 169
7	Alteration 56436	*583.9 2531.8	*28.87 119.16	*35.648 144.231	*50.948 272.354	*53.12 253.12	78.737	56.111	56.111	.012	56 099
8	Justa Pogis 64863	2745.3	129.70	157.697	249.029	261.17	69.505	46.756	49 816	.010	49 806
9	Gay Orphan 25985	2175.9	114.21	138.973	193.581	202.92	60.878	41 608	39.358	.009	39.349
10	Sayda 3d 17317	3043.1	139.93	170.094	268.253	281.39	74.910	51.640	50.695	.011	50 684
11	Pearl of Riverside 55659	2653.7	132.27	160.804	241.561	253.34	70 574	46 801	49.051	.010	49 041
12	Lorita 33750	2320 3	120.64	146.619	206.176	216 27	64.059	42 703	39 508	.010	39.498
13	Flora Temple 3d 40086	3038.2	145.45	176.751	264 631	277.60	77.495	53 080	56.500	.012	56 488
14	Brown Bessie 74997	3634.0	178.12	216.640	316.936	332 41	95.104	69 593	73.238	.014	73.224
15	Lily Martin 49954	3520.2	135.11	164.227	299.292	313.92	73.137	47.981	50.996	.011	50 985
16	Annice Magnet 60256	2064.0	76 14 *22.06	119.284	181.114	190.09	52.160	31.584	31.134	.008	31 126
17	Hugo's Countess 68394	3542.9	157.85	191.894	314.484	329 85	84.752	59.260	60.745	.013	60.732
18	Ida Marigold 32615	3448.3	164 28	199.756	298 656	313.26	87.782	60 657	64.167	.013	64.154
19	Daisy Hinman 61537	3677.8	127.62	155.131	232 960	244 35	68 104	45.880	46.060	.010	46.050
20	Merry Maiden 64949	3041.2	164.81	200.517	267 459	280 67	87.377	63 986	64 526	.013	64 513
21	Romp's Princess 51185	2984.4	154 97	188.373	263.423	276 32	82.289	58.855	59.035	.012	59.023
22	Signal Queen 30869	3190.6	136.30	165.601	276 810	290.34	73.187	48.810	50 430	.011	50.419
23	Grace Pansy 2d 18764	2344.4	121.03	147 009	208.580	218.99	64.240	41 895	41.220	.010	41.210
24	Princess Honoria 62548	2690.4	131.19	159.447	240.038	251.79	70.053	47.154	48.279	.010	48.269
25	Baroness Argyle 40498	3266.2	159.93	194.400	282.145	295.97	85.075	58.663	60.103	.013	60.090
	Totals	72904.9	3465.15	4238.362	6414.101	6689.26	.....	.....	.....	.....	.....
		*73488.8	*3516.08	*4274.010	*6465.049	*6781.52	.....	.....	.....	.....	.....
	Total values	.....	.....	.....	.....	.....	$1876.671	$1289.173	$1324.093	$0.281	$1323.812
Guernsey Herd.	Totals	60768.5	2736.45	3302.590	5501.438	5621.80	.....	.....	.....	.....	.....
		*61781.7	*2784.56	*3360.431	.....	*5715.72	.....	.....	.....	.....	.....
	Total values	.....	.....	.....	.....	.....	$1465.464	$981.323	$997.748	$0.109	$997.639
Short-Horn Herd.	Totals	66263.2	2409.97	2890.869	5750.83	6015.22	.....	.....	.....	.....	.....
	Total values	.....	.....	.....	.....	.....	$1286.789	$785.000	$911.135	$1.018	$910.117

*Amounts credited to sick cows "off the test," under Rule 10, or the totals where such credit is added.

TEST No. 3—BUTTER TEST.

This test was for 30 days—from August 29th to September 27th, both inclusive. Number of cows in test, 45—15 Jerseys, 15 Short-Horns and 15 Guernseys. This test differed from any other, in that butter alone was the only product credited. No value was allowed for increase in live weight, nor did the quantity of milk play any part, as no credit was given for solids other than butter fat, from which was deducted the cost of feed and color; butter was the desideratum pure and simple.

For the sake of keeping complete records of the cows, but for no other purpose, the increase or decrease in live weight was recorded, also the quantity of milk given by the cows and herds (Column 2), and solids other than fat (Column 5); but the items in Columns 1*a*, 4, 6, 7, 8 and 9 are the only ones considered in the awards.

The original rules provided that each breed should furnish 25 cows, and that the competition should be limited to the breeds that had participated in Tests Nos. 1 and 2. Leave was given to the breeds to substitute other cows in this test than had been in Tests Nos. 1 and 2, by giving specified notice shortly before the beginning of the test. At the request of the American Guernsey Cattle Club, who represented that, from financial reasons, and owing to the loss by burning of cows they had expected to have had for the test, in the barn of the Hon. Levi P. Morton, they would be obliged to withdraw from this contest, unless they were permitted to compete with 15 in place of 25 cows, the number of each breed was reduced to 15 by Chief Buchanan. It is noticeable that the Guernseys substituted five new cows in this test (or one-third of their herd) to four of the Short-Horns and three of the Jerseys. It is to be regretted that, when the cows were reduced to this number, they were not confined to the individual cows that had been in the preceding tests.

Column 1 shows the total feed and composition of same eaten by the Jersey cows and Jersey, Guernsey and Short-Horn herds; Column 1*a* the value of same, at the same prices as were set out in report of Test No. 1, except that ensilage was reduced to $1.50 per ton, old hay to $11.50 per ton and new hay to $10.00 per ton.

Column 3 gives the pounds of fat in the whole milk of the Jersey cows and Jersey, Guernsey and Short-Horn herds, ascertained by the Babcock oil test, as referred to in report of Tests Nos. 1 and 2.

Column 4 sets out the quantity of butter made by each of the Jersey cows and the Jersey, Guernsey and Short-Horn herds. These amounts were ascertained by the churn at the dairy, and distributed among the individuals according to quantity of milk and the result of the oil test; and the value of same is set out in Column 6, after the butter had been scored by experts.

Column 7 sets out the value of butter after deducting the cost of feed. The values of butter were ascertained and fixed as set out in report of Test No. 2.

Column 8 gives the value of butter-color used, and Column 9 the net profit of each individual cow and the totals of the Jersey, Guernsey and Short-Horn herds.

In this test the Jerseys labored under the disadvantage of having but three substituted cows (one of which had been over five months in milk) to five of the Guernseys and four of the Short-Horns. In the early part of the test Hugo's Countess (No. 14 in the test) had one of her teats stepped on and the tip taken off, by the cow in the adjoining stall, and followed as it was by caking of that quarter of her udder, acting prejudicially to her health and necessitating the cutting-down of her feed, her ability was materially impaired. That she suffered is shown in the fact that in 30 days she lost 120 lbs. in weight. On the second day of the test Romp's Princess (No. 15 in the test) took cold in the show ring and never thoroughly recovered from the effect of same. Islip Lenox (No. 2 in the test) also contracted a cold in the early part of the test, and suffered the ill-effects of same through the balance of the test. Out of the 74 cows competing in the 90 days' test, these three stood 5th, 8th and 7th respectively. Notwithstanding the disadvantages, the Jersey herd was again victorious in every respect, as is shown by consulting the tables.

In arriving at the relative comparative merits of the cows and the herds, the only items to be considered are the pounds of fat as ascertained by the oil test, the quantity of butter, the value of same, the cost of feed and the net profit. The fat of the Jerseys exceeded that of the Guernseys by 87.85 lbs., and that of the Short-Horns by 130.10 lbs.

The quantity of butter of the Jerseys exceeded that of the Guernseys by 113.041 lbs., and that of the Short-Horns by 174.551 lbs.

The value of butter made by the Jerseys was $55.82 in excess of that of the Guernseys, and $81.91 in excess of that of the Short-Horns.

The net profit of the Jerseys, after deducting cost of feed, exceeded that of the Guernseys by $37.125 (equal to a net profit per herd per day of $1.24, or $8\frac{4}{15}$c. per head per day), and that of the Short-Horns by $75.236, or $2.51 per herd per day, or $16\frac{11}{15}$c. per head per day.

The cost of feed of the Jerseys for the 30 days exceeded that of the Guernseys by $18.477, but it produced value in butter of $37.125 over the Guernseys, or over 200 per cent. net profit, but the cost per pound of butter in feed was slightly less in the Guernseys, as was natural with more fresh cows, the figures being as follows :

Jerseys, $13\frac{28}{100}$c.; Guernseys, $12\frac{81}{100}$c.; Short-Horns, $15\frac{77}{100}$c.

COMPOSITION OF JERSEY HERD IN TEST NO. 3—30 DAYS' TEST.

August 29 to September 27, 1893.

No. of Cow.	Name and Herd Register No. of Cow.	Breeder.	Owner.	Date Dropped.	Date of Last Calf.
1	Ida Marigold 32615	Miller & Sibley, Franklin, Pa.	C. A. Sweet, Buffalo, N. Y.	June 2, 1885	Apr. 29, 1893
2	Islip Lenox 31703	A. P. Foster, Plainview, Minn.	C. I. Hood, Lowell, Mass.	Nov., 1883	May 17, 1893
3	Brown Bessie 74997	Richardson Bros., Davenport, Ia.	C. I. Hood, Lowell, Mass.	Mar. 27, 1885	Apr. 21, 1893
4	Sayda 3d 17317	E. Morse, Thomaston, Conn.	Edgar Brewer, Hockanum, Ct.	Feb. 11, 1882	Mar. 13, 1893
5	Baroness Argyle 40498	E. S. Henry, Rockville, Conn.	E. S. Henry, Rockville, Conn.	Sep. 22, 1886	Apr. 21, 1893
6	Flora Temple 3d 40086	S. D. Newell, Bristol, Conn.	Frederic Bronson, Southport, Ct.	May. 12, 1886	Apr. 1, 1893
7	Signal Queen 30869	G. M. Jewett, Zanesville, Ohio.	Frank Eno, Pine Plains, N. Y.	Oct. 17, 1883	Apr. 4, 1893
8	Sheba Rex 47429	O. A. Rockwell, Bloomfield, Ct.	T. A. Havemeyer, Mahwah, N.J.	Nov. 25, 1885	Feb. 22, 1893
9	Exile's Lulu 49984	P. J. Cogswell, Rochester, N. Y.	C. I. Hudson, New York, N. Y.	Nov. 18, 1886	Apr. 15, 1893
10	Merry Maiden 64949	Richardson Bros., Davenport, Ia.	C. I. Hood, Lowell, Mass.	Sep. 26, 1888	Apr. 15, 1893
11	*Cupid's Jersey Maid 35040	C. S. Dole, Crystal Lake, Ill.	C. S. Dole, Crystal Lake, Ill.	Aug. 19, 1885	Apr., 1893
12	*Stoke Pogis' Regina 48309	S. A. Brown, Ballietsville, Pa.	Est. of F. Billings, Woodstock, Vt.	July 21, 1885	July 29, 1893
13	*Katherine of Pittsford 73169	F. J. Prentiss, Greenport, N. Y.	E. F. Hawley, Pittsford, N. Y.	May 11, 1889	Aug. 10, 1893
14	Hugo's Countess 68394	M. G. Jacobs, Independence, Mo.	D. L. Heinsheimer. Glenwood, Ia.	Nov. 18, 1887	Mar. 7, 1893
15	Romp's Princess 51185	H. M. McKeldin, Atlanta, Ga.	C. A. Sweet, Buffalo, N. Y.	Mar. 13, 1887	Apr. 17, 1893

* Cows not in former tests.

RECORDS OF LIVE WEIGHT OF COWS IN TEST NO. 3—30 DAYS' TEST.

No. of Cow.	Name and Herd Register No. of Cow.	Jerseys. Average Weighed in.	Jerseys. Average Weighed out.	Jerseys. Gain.	Jerseys. Loss.	Jerseys. Net Gain.	Guernseys. Average Weighed in.	Guernseys. Average Weighed out.	Guernseys. Gain.	Guernseys. Loss.	Guernseys. Net Gain.	Short-Horns. Average Weighed in.	Short-Horns. Average Weighed out	Short-Horns. Gain.	Short-Horns. Loss.	Short-Horns. Net Gain.
		lbs.	lbs.	lbs.	lbs	lbs	lbs.	lbs.	lbs	lbs	lbs	lbs.	lbs.	lbs	lbs	lbs
1	Ida Marigold 32615	1178	1169	....	9	...	960	971	11	...	...	*1320	1348	28	...	...
2	Islip Lenox 31703	1017	1016	....	1	...	971	983	12	...	...	*1247	1278	31	...	...
3	Brown Bessie 74997	1019	1026	7	...	...	*944	985	41	...	...	*1201	1216	15	...	...
4	Sayda 3d 17317	957	990	33	...	...	*953	975	22	...	...	1288	1317	29	...	...
5	Baroness Argyle 40498	962	1005	43	...	...	986	996	10	...	...	1231	1220	...	11	...
6	Flora Temple 3d 40086	1055	1079	24	...	...	963	966	3	...	...	*1128	1124	...	4	...
7	Signal Queen 30869	1059	1094	35	...	...	879	897	18	..	...	1246	1287	41	...	...
8	Sheba Rex 47429	996	1013	17	...	...	*881	918	37	...	...	1410	1434	24	...	...
9	Exile's Lulu 49984	936	963	27	...	...	1062	1076	14	...	...	1208	1216	8	...	...
10	Merry Maiden 64949	919	946	27	..	...	*1136	1150	14	...	...	1225	1234	9	...	...
11	*Cupid's Jersey Maid 35040	907	886	....	21	...	952	974	22	...	...	1241	1286	45	...	...
12	*Stoke Pogis' Regina 48309	849	886	37	...	...	922	961	39	...	...	1233	1241	8	...	...
13	*Katherine of Pittsford 73169	806	825	19	...	...	1023	1041	18	...	...	1210	1224	14	...	...
14	Hugo's Countess 68394	1031	911	....	120	...	1122	1147	25	...	...	1275	1297	22	...	...
15	Romp's Princess 51185	746	785	39	...	...	*1088	1082	...	6	...	1362	1347	...	15	...
	Totals	14437	14594	308	151	157	14842	15122	286	6	280	18825	19069	274	30	244
	Averages	962	973	....	...	...	989	1008	...	...	...	1255	1271	..	..	...

* Cows not in former tests.

RECORDS OF JERSEY COWS AND GUERNSEY AND SHORT-HORN HERDS IN TEST NO. 3—30 DAYS' TEST.

No. of Cow.	Jerseys. Name and Herd Register No. of Cow.	(1) Feed Weighed Out. Hay.	Oil Meal.	Silage.	Grano-Gluten.	Corn Meal.	Bran.	Oats.	Corn-Hearts.	Cotton-Seed.	Mids.	Carrots.	Old Hay.	(1a) Value Eaten.
		lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
1	Ida Marigold 32615	424.3	84	112	.....	18	223	84	206	55 5	84	18	6	$8.453
2	Islip Lenox 31703	332.9	67	107	.....	....	196	84	134	16	45	9	5	6.143
3	Brown Bessie 74997	411.4	87	112	.....	41	202	116	183	54 5	58	18	6	8.574
4	Sayda 3d 17317	349.6	70	110	.....	11	189	97	120	35.5	49.5	18	4	6.706
5	Baroness Argyle 40498	366.2	90	112	.....	40	180	120	199.5	44.5	60	18	5	8.267
6	Flora Temple 3d 40086	372.2	75	116	.....	20	180	90	189	45	90	18	5	7.700
7	Signal Queen 30869	374.2	75	112	.....	30	206	120	188	45	60	15	5	8.001
8	Sheba Rex 47429	394.6	75	146	.....	40	179	90.5	169	59.5	60	18	6	7.920
9	Exile's Lulu 49984	318.5	75	112	.....	20	180	90	189	45	90	18	4	7.422
10	Merry Maiden 64949	418	89.5	112	.....	....	179	90	210	45	30	18	6	7.618
11	*Cupid's Jersey Maid 35040	372.9	76.5	94	.....	48	174	67	163	58	56.5	18	5	7.484
12	*Stoke Pogis' Regina 48309	369.6	73	90	.....	112	180	120	85	44	80	9	5	8 189
13	*Katherine of Pittsford 73169	361.6	72.5	110	.....	121	180	90	85	44.5	56	18	5	7.660
14	Hugo's Countess 68394	318.2	65.5	104.5	.....	....	216	71	49	10 5	14	18	4.5	5.209
15	Romp's Princess 51185	340.7	66.5	106 5	.....	14	214	73	84	28 5	4	18	2.5	5.897
	Totals	5521.9	1141.5	1656	.....	505	2878	1102 5	2253.5	631	817	249	74	.....
	Total values	$27.624	$12.555	$1.242	.....	$5.560	$17.990	$16.130	$15.212	$8 200	$5.310	$0.995	$0.425	$111.243
	Guernsey Herd—Totals	3779	895	8605	12	.....	3258	1023	2573	308	613	.....	.....	.....
	Guernsey Herd—Total values	$18.895	$9.845	$6.454	$0.088	.....	$20.363	$11.764	$17.368	$4.001	$3.085	.....	.....	$92.766
	Short-Horn Herd—Totals	4215.0	540	16852.5	58	.....	3277	471	2909	1046	821	.....	.....	.....
	Short-Horn Herd—Total values	$21.075	$5.940	$12.640	$0.428	.....	$20.481	$5.417	$19.636	$13.598	$5.336	.....	.....	$104.551

* Cows not in former tests.

RECORDS OF JERSEY COWS AND GUERNSEY AND SHORT-HORN HERDS IN TEST NO. 3—30 DAYS' TEST.

No. of Cow.	Jerseys. Name and Herd Register No. of Cow.	(2) Milk.	(3) Fat.	(4) 80 per cent. Butter.	(5) Solids not Fat.	(6) Value of Butter.	(7) Value of Butter Less Cost of Food.	(8) Cost of Color.	(9) Net Profit.	(10) Order of Merit.
		lbs.	lbs	lbs.	lbs.					
1	Ida Marigold 32615	985.8	48.60	59.367	88.62	$27.338	$18.885	$.016	$18.869	4
2	Islip Lenox 31703	714.6	39.05	47.699	66.63	21.946	15.803	.012	15.791	13
3	Brown Bessie 74997	1134.6	59.15	72.235	104.46	33.271	24.697	.019	24.678	1
4	Sayda 3d 17317	843.6	39.18	47.825	76.99	22.009	15.303	.013	15.290	15
5	Baroness Argyle 40498	925.5	46.05	56.215	82.64	25.897	17.630	.015	17.615	9
6	Flora Temple 3d 40086	923.6	45.10	55.058	84.17	25.355	17.655	.015	17.640	8
7	Signal Queen 30869	944.5	42.20	51.522	86.20	23.738	15.737	.014	15.723	14
8	Sheba Rex 47429	1004.2	47.12	57.511	92.20	26.491	18.571	.015	18.556	5
9	Exile's Lulu 49984	988.4	44.26	54.017	89.83	24.879	17.457	.014	17.443	10
10	Merry Maiden 64949	965.	54.65	66.695	90.47	30.721	23.103	.018	23.085	2
11	*Cupid's Jersey Maid 35040	1028.7	45.21	55.163	93.95	25.408	17.924	.014	17.910	6
12	*Stoke Pogis' Regina 48309	1012.2	49.39	60.268	94.30	27.765	19 576	.016	19.560	3
13	*Katherine of Pittsford 73169	1062 3	44.33	54.107	99.98	24.923	17.263	.014	17.249	11
14	Hugo's Countess 68394	684.2	39.44	48.172	63.89	22 169	16.960	.013	16.947	12
15	Romp's Princess 51185	704.7	42.08	51.357	67.11	23.682	17.785	.014	17.771	7
	Totals	13921.9	685.81	837.211	1281.44	.....	.....	...	.....	..
	Total values	.....	....	.....	.....	$385.592	$274.349	$.292	$274.127	..
Guernsey Herd...	Totals	13518.4	597.96	724.170	1253.33	.....	.....	....	.....	..
	Total values..	.....	....	.....	.....	$329.768	$237.002	....	$237.002	..
Short-Horn Herd.	Totals	15618.3	555.71	662.660	1413.68	.....	.....	...	.....	..
	Total values..	.....	....	.....	.....	$303.685	$199.134	$.243	$198.891	..

* Cows not in former tests.

The following table of the profit per cow per day of the various herds will prove most interesting. In the table the decimal parts of the cents are left out:

NET PROFIT PER DAY.

Cents	82	76	66	65	64	62	61	60	59	58	57	56	53	52	51	50	48	47	46	44	43	42	41	40	39	38	32	31	Total Cows.
Jerseys	1	1	..	*1	..	1	1	..	*2	3	*1	1	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	15
Guernseys	..	..	..	..	*1	*1	..	*2	..	2	*1	..	*1	..	..	1	1	..	1	1	..	1	1	..	..	1	..	..	15
Short-Horns	..	..	*1	..	..	..	..	..	..	..	..	..	..	1	*1	1	1	..	1	1	2	*1	1	*1	1	1	1	15

* One substituted cow.

It shows that *every Jersey made a net profit of 50 cents a day or over*, up to 82 cents, as against nine Guernseys and three Short-Horns, or three more than the other two breeds combined; that of the nine Guernsey cows which made 50 cents or over, five were substituted or fresher cows, and of the three Short-Horns two were substituted cows, to three substituted cows in the entire Jersey herd. The superiority of the Jerseys is, however, shown in the average net profit per cow per day, which is: Jerseys, $60\frac{96}{100}$c.; Guernseys, $52\frac{66}{100}$c., and Short-Horns, $44\frac{20}{100}$c.

The following were the quantities of milk required to make one pound of butter:

Jerseys, $16\frac{58}{100}$ lbs.; Guernseys, $18\frac{66}{100}$ lbs.; Short-Horns, $23\frac{56}{100}$ lbs.

The following awards were made by the World's Columbian Exposition:

(*a*) For the individual cow of *each breed* competing which yielded the greatest net profit during the test:

Breed.	Owner.	Net Profit.
Jersey—Brown Bessie 74997	C. I. Hood, Lowell, Mass	$24.678
*Guernsey—Purity	G. Howard Davison, Millbrook, N. Y	$19.377
*Short-Horn—Kitty Clay 4th	I. K. Innis, Greenville Centre, Pa	$20.015

* Substituted cows.

(*b*) For the individual cow in *any breed* competing which yielded the greatest net profit during the test:

Jersey—Brown Bessie 74997.

(*c*) For the five cows in *each breed* competing which yielded the greatest net profit during the test:

Jerseys.	Owner.	Net Profit.
1st. Brown Bessie 74997	C. I. Hood, Lowell, Mass	$24.678
2d. Merry Maiden 64949	C. I. Hood, Lowell, Mass	23.085
3d. *Stoke Pogis' Regina 48309	Est. of F. Billings, Woodstock, Vt	19.560
4th. Ida Marigold 32615	C. A. Sweet, Buffalo, N. Y	18.869
5th. Sheba Rex 47429	Theo. A. Havemeyer, Mahwah, N. J	18.556
	Total	$104.748

* Substituted cow.

Guernseys.	Owner.	Net Profit.
1st. *Purity	G. Howard Davison, Millbrook, N. Y	$19.377
2d. Careno	N. K. Fairbank, Chicago, Ill	18.898
3d. *Vesta's Valencia	A. J. Cassett, Berwyn, Pa	18.242
4th. Sweet Ada	Jno. M. Eddy, Saratoga Springs, N. Y	18.214
5th. Materna	N. K. Fairbanks, Chicago, Ill	17.543
	Total	$92.274

* Substituted cows.

Short-Horns	Owner.	Net Profit.
1st. *Kitty Clay 4th	I. K. Innis, Greenville Centre, Pa	$20.015
2d. Bashful 2d	Wm. Miller, Storm Lake, Iowa	15.478
3d. *Kitty Clay 3d	I. K. Innis, Greenville Centre, Pa	15.220
4th. Waterloo Daisy	F. Martindale, York, Ont., Can	14.599
5th. Nora	D. Sheehan & Sons, Osage, Iowa	14.288
	Total	$79.600

* Substituted cows.

(*d*) For the five cows in *any breed* competing which yielded the greatest net profit during the test:

	Breed.	Name of Cow.	Net Profit.	Last Calf.
1st.	Jersey	Brown Bessie 74997	$24.678	April 21, 1893
2d.	"	Merry Maiden 64949	23.085	April 15, 1893
3d.	*Short-Horn	Kitty Clay 4th	20.015	July 19, 1893
4th.	*Jersey	Stoke Pogis' Regina 48309	19.560	July 29, 1893
5th.	*Guernsey	Purity	19.377	Aug. 12, 1893

* Substituted cows.

(*e*) For the breed which yielded the greatest net profit during the test: *Jerseys.*

The following table gives the standing and net profit of the 45 cows in the test, arranged in their order of merit:

RECORDS IN ORDER OF MERIT OF COWS IN TEST NO. 3.

Order of Merit.	Breed.	No. of Cow in Herd.	Net Profit.	Order of Merit.	Breed.	No. of Cow in Herd.	Net Profit.
1	Jersey	3	$24.678	24	Short-Horn	15	$15.478
2	"	10	23.085	25	Guernsey	6	15.293
3	Short-Horn	1	20.015	26	Jersey	4	15.290
4	Jersey	12	19.560	27	Short-Horn	2	15.220
5	Guernsey	10	19.377	28	"	4	14.599
6	"	3	18.898	29	Guernsey	12	14.524
7	Jersey	1	18.869	30	Short-Horn	13	14.288
8	"	8	18.556	31	Guernsey	2	14.020
9	Guernsey	15	18.242	32	Short-Horn	11	13.484
10	"	14	18.214	33	Guernsey	7	13.362
11	Jersey	11	17.910	34	Short-Horn	14	13.099
12	"	15	17.771	35	Guernsey	1	12.784
13	"	6	17.640	36	Short-Horn	9	12.709
14	"	5	17.615	37	"	7	12.649
15	Guernsey	9	17.543	38	Guernsey	11	12.595
16	"	13	17.539	39	Short-Horn	6	12.585
17	Jersey	9	17.443	40	"	10	12.127
18	"	13	17.249	41	"	3	11.971
19	Guernsey	4	17.116	42	Guernsey	5	11.565
20	Jersey	14	16.947	43	Short-Horn	5	11.524
21	Guernsey	8	15.930	44	"	8	9.623
22	Jersey	2	15.791	45	"	12	9.520
23	"	7	15.723				

It will be noticed that, out of a possible 15, the Jerseys have nine cows among the first 15, to six of the other two breeds combined; that the highest net profit for any Jersey is $24.678 (over five months in milk at end of test); highest Guernsey, $19.377 (one month and fifteen days in milk); highest Short-Horn, $20.015 (two months and eight days in milk); that the lowest Jersey scores $15.290, standing twenty-sixth in the test out of 45, having been six months and fourteen days in milk; the lowest Guernsey $11.565, and the lowest Short-Horn $9.520; and that there are six Guernseys and 13 Short-Horns lower than the lowest Jersey.

TEST No. 4—HEIFER TEST.

Period, 21 days, from September 30th to October 20th, inclusive. The original rules provided that the test should be for 30 days, and that the value of products should be ascertained and the awards made on exactly the same basis as in Test No. 2, the 90 days' test. It was optional with any breed that had participated in Tests 1, 2 and 3 to enter this test. The Guernseys did not take part in it.

The rules were amended by Chief Buchanan on the ground of economy (the tests having cost the World's Columbian Exposition, up to that time, over $60,000), by which the length of the test was curtailed to 21 days and the churning in the dairy dispensed with. The butter was estimated on the basis of 80 per cent. oil in the butter; the fat was ascertained by the Babcock oil test, and the solids other than butter fat by an analysis of the whole milk.

The valuation of feed was the same as in Test No. 3. The same precautions were taken as in the former tests to prevent any feed being improperly given to the heifers, to insure accuracy in weighing the milk, sampling the same, and in retaining samples of milk under seal. Dr. Farrington personally ascertained the fat in the milk and analyzed the samples. All the estimated butter was credited at the fixed price of 40c. per pound.

The heifers were to be less than three years old on September 1st, 1893. Each breed was limited to not more than ten, nor less than five head. The Jerseys entered seven, and the Short-Horns six. None of the Jersey heifers calved at the barns, and, with the exception of Campania (No. 2 in the test), none of them had been especially prepared for the test.

Column 1 of the tables gives the average weight of the Jerseys for the first five and the last five days of the test, the gain and loss in live weight and the value of such gain or loss at 4½c. per pound.

Column 2 gives the like information for the Short-Horns. The records of the latter are set out at length, as the Short-Horns made the unprecedented average gain of 3 lbs. per head per day, equal in value to 13½ cents per day, the total value of the Short-Horn gain in weight being $2.88 per head, to $0.964 of the Jerseys; so that the Jersey heifers had each to make, practically out of butter, nearly 9c. a day to equal the increase in live weight of the Short-Horns.

As there were seven Jerseys and only six Short-Horns, it is necessary to take the averages per head for the purpose of comparison.

Column 3 shows the quantity and composition of food consumed, and Column 3a the value of same.

Column 4 gives the quantity of milk. It shows that the Jerseys averaged 479.5 lbs. (a daily average of $22\frac{83}{100}$ lbs. each), to 430.1 lbs. of the Short-Horns, and that five of the Jerseys averaged $24\frac{48}{100}$ lbs. per day per head.

Column 5 gives the quantity of fat in the milk, an average of $22\frac{19}{100}$ lbs. per head for Jerseys, and $16\frac{31}{100}$ per head for Short-Horns.

Column 6 sets out the estimated butter, equal to an average of $27\frac{75}{100}$ lbs. per head for the Jerseys, and $20\frac{39}{100}$ lbs. per head for the Short-Horns. The Jersey Lily Garfield, barely two years old, averaged over $1\frac{1}{4}$ lbs. per day, and one day made $1\frac{98}{100}$ lbs. The average daily production per head of the Jerseys was $1\frac{32}{100}$ lbs., and of the Short-Horns $0\frac{97}{100}$ lbs.

Columns 8 and 9 give the value of the butter and solids not fat, the former giving an average value per head to the Jerseys of $11.098, and $8.158 to the Short-Horns, or a daily average per head to the Jerseys of 52c., and to the Short-Horns of 38c., without taking into consideration increase in live weight. The value of products less cost of feed is set out in Column 11, and gives an average per head to the Jerseys of $7.075, and to the Short-Horns of $5.023, or a daily average per head to the Jerseys of $0.337, and to the Short-Horns of $0.239.

It is when the value of increase in live weight at 4½c. per lb. is added that the Short-Horns, true to their breed characteristics, cut down the difference in profit heretofore existing between the two breeds, as Column 12 shows, the average net profit per head being: Jerseys, $8.039, and Short-Horns, $7.903.

The object of this test was to demonstrate the early profit of the breeds, and it certainly has been conclusively shown in the foregoing figures.

COMPOSITION OF JERSEY HERD IN TEST NO. 4—HEIFER TEST.

September 30 to October 20, 1893.

No.	Name and Herd Register No. of Cow.	Breeder.	Owner.	Date Dropped.
1	Elturia 80701	Richardson Bros., Davenport, Iowa.	Richardson Bros., Davenport, Iowa.	Nov. 9, 1890
2	Campania 88475	Richardson Bros., Davenport, Iowa.	Richardson Bros., Davenport, Iowa.	Sep. 12, 1890
3	Lily Garfield 79819	Est. of Fred'k Billings, Woodstock, Vt.	Est. of Fred'k Billings, Woodstock, Vt.	Sep. 29, 1891
4	Iola F. 85529	N. N. Palmer, Brodhead, Wis.	E. W. Fairman, Brodhead, Wis.	July 19, 1891
5	Woodstock Mystery 77746	Est. of Fred'k Billings, Woodstock, Vt.	Est. of Fred'k Billings, Woodstock, Vt.	July 12, 1891
6	Woodstock Lady 80619	Est. of Fred'k Billings, Woodstock, Vt.	Est. of Fred'k Billings, Woodstock, Vt.	Aug. 6, 1891
7	Jeannette of Pittsford 73185	Fred'k J. Prentiss, Greenport, N. Y.	Aaron O. Auten, Jerseyville, Ill.	Oct. 1, 1890

RECORDS OF LIVE WEIGHT OF COWS IN TEST NO. 4—HEIFER TEST, 21 DAYS.

JERSEYS.		(1) LIVE WEIGHT.				SHORT-HORNS. (2) LIVE WEIGHT.			
NAME AND HERD REGISTER NO. OF COW.	No. of Cow.	Average 5 days Weighed in.	Average 5 days Weighed out.	Gain.	Value of Net Gain.	Average 5 days Weighed in.	Average 5 days Weighed out.	Gain.	Value of Net Gain.
		lbs.	lbs.	lbs.		lbs.	lbs.	lbs.	
Elturia 80701	1	791	830	39	$1.755	904	956	52	$2.340
Campania 88475	2	744	764	20	.900	897	948	51	2.295
Lily Garfield 79819	3	775	794	19	.855	842	920	78	3.510
Iola F. 85529	4	690	711	21	.945	840	902	62	2.790
Woodstock Mystery 77746	5	633	660	27	1.215	871	943	72	3.240
Woodstock Lady 80619	6	687	691	4	.180	854	923	69	3.105
Jeannette of Pittsford 73185	7	666	686	20	.900				
Totals		4986	5136	150	$6.750	5208	5592	384	$17.280
Averages		712.3	733.7	21.4	$0.964	868	932	64	$2.880

RECORDS OF JERSEY COWS AND SHORT-HORN HERD IN TEST NO. 4—HEIFER TEST, 21 DAYS.

JERSEYS.		(3) TOTAL FEED WEIGHED OUT FOR 21 DAYS.									(3a)
Name and Herd Register No. of Cow.	No. of Cow.	Hay.	Silage	Oil Meal.	Corn Meal.	Bran.	Oats.	Cotton Seed.	Mids.	Corn Hearts.	Value Total Eaten.
		lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
Elturia 80701	1	235.5	6	55.0	72	117	63	38.0	59	26	$5.090
Campania 88475	2	237.5	6	55.0	93	134	61	41.5	42	17	5.286
Lily Garfield 79819	3	224.5	6	63.0	93	138	84	50.5	42	14	5.697
Iola F. 85529	4	202.0	6	42.0	77	126	84	35.0	21	7	4.716
Woodstock Mystery 77746	5	176.0	6	38.0	61	114	57	24.5	19	0	3.782
Woodstock Lady 80619	6	201.0	6	42.0	84	126	63	42.0	42	0	4.728
Jeannette of Pittsford 73185	7	195.0	6	53.5	93	138	70	43.0	35	14	5.140
Totals		1471.5	42	348.5	573	893	482	274.5	260	78	.....
Total values		$7.358	$0.032	$3.833	$6.303	$5.584	$5.543	$3.569	$1.690	$0.527	$34.439
SHORT-HORN HERD. Totals		lbs. 922	lbs. 1593	lbs 118.5	.....	lbs. 709	lbs 176	lbs 332	lbs. 250	lbs 596	.....
SHORT-HORN HERD. Total values		$4.610	$1.195	$1.304	.....	$4.432	$2.024	$4.316	$1.625	$4.022	$23.528

RECORDS OF JERSEY COWS AND SHORT-HORN HERD IN TEST NO. 4.—HEIFER TEST, 21 DAYS.

JERSEYS.		(4)	(5)	(6)	(7)	VALUE OF PRODUCTS.			(11)	(12)
						(8)	(9)	(10)		
Name and Herd Register No. of Cow.	No. of Cow.	Milk.	Fat.	80 per cent. Butter.	Solids Not Fat.	Butter.	Solids Not Fat.	Total.	Value of Products Less Cost of Feed, Without Live Weight.	Net Gain with Live Weight.
		lbs.	lbs.	lbs.	lbs.					
Elturia 80701	1	483.4	19.31	24.137	44.95	$9.655	$0.899	$10.554	$5.464	$7.219
Campania 88475	2	556.7	22.50	28.127	51.87	11.251	1.036	12.287	7.001	7.901
Lily Garfield 79819	3	562.7	28.99	37.488	53.31	14.995	1.067	16.062	10.365	11.220
Iola F. 85529	4	465.3	20.20	25.251	43.42	10.100	.867	10.967	6.251	7.196
Woodstock Mystery 77746	5	388.6	20.98	26.223	36.36	10.489	.731	11.220	7.438	8.653
Woodstock Lady 80619	6	398.1	18.42	23.027	37.15	9.211	.741	9.952	5.224	5.404
Jeannette of Pittsford 73185	7	501.8	24.98	29.973	46.82	11.989	.936	12.925	7.785	8.685
Totals		3356.6	155.38	194.226	313.88	.....	.....	.....	.....	.....
Total values		.....	.....	$77.690	$6.277	$77.690	$6.277	$83.967	$49.528	$56.278
Averages per head.		479.5	22.19	27.746	44.84	.....	.....	.....	.....	.....
		.....	.....	.....	$0.952	$11.098	$0.952	$11.995	$7.075	$8.039
SHORT-HORN HERD. Totals		2581.0	97.89	122.362	235.82	.....	.....	.....	.....	.....
Total values		.....	.....	$48.950	$4.719	$48.950	$4.719	$53.669	$30.141	$47.421
Averages per head.		430.1	16.31	20.393	39.30	.....	.....	.....	.....	.....
		.....	.....	.....	$0.786	$8.158	$0.786	$8.944	$5.023	$7.903

The following awards were made by the World's Columbian Exposition :

(*a*) For the individual heifer of each breed competing which yielded the greatest net profit during the test :

BREED.	OWNER.	NET PROFIT.
Jersey—Lily Garfield 79819	Estate of F. Billings, Woodstock, Vt.	$11.220
Short-Horn—Miss Rennick 24th	I. C. Thornton & Sons	$10.970

(*b*) For the individual heifer of any breed competing which yielded the greatest net profit during the test :

Jersey—Lily Garfield 79819.

(*c*) For the five cows in each breed competing which yielded the greatest net profit during the test :

JERSEYS.	OWNER.	NET PROFIT.
1st. Lily Garfield 79819	Est. of F. Billings, Woodstock, Vt.	$11.220
2d. Jeannette of Pitt-ford 73185	Aaron O. Auten, Jerseyville, Ill.	8.685
3d. Woodstock Mystery 77746	Est. of F. Billings, Woodstock, Vt.	8.653
4th. Campania 88475	Richardson Bros., Davenport, Iowa.	7.901
5th. Elturia 80701	Richardson Bros., Davenport, Iowa.	7.219
	Total	$43.678

Short-Horns.	Owner.	Net Profit.
1st. Miss Rennick 24th	I. C. Thornton & Sons	$10.970
2d. Fancy 15th	I. C. Thornton & Sons	9.374
3d. Aggie 2d	W. W. Waltman	8.275
4th. 4th Belle of Trowbridge	C. Lovett	7.510
5th. Blossom	C. Lovett	5.901
	Total	$42.030

(*d*) For the five cows in any breed competing which yielded the greatest net profit during the test :

Breed.	Name of Cow.	Owner.	Net Profit according to Rules.	Net Profit without Increase in Live Weight.
1st. Jersey	Lily Garfield 79819	Estate of Fred'k Billings	$11.220	$10.365
2d. Short-Horn	Miss Rennick 24th	I. C. Thornton & Sons	10.970	7.460
3d. " "	Fancy 15th	I. C. Thornton & Sons	9.374	6.584
4th. Jersey	Jeannette of Pittsford 73185	Aaron O. Auten	8.685	7.785
5th. "	Woodstock Mystery 77746	Estate of F. Billings	8.653	7.438

(*e*) For the breed which yielded the greatest net profit during the test—*Jerseys.*

GRAND SWEEPSTAKES AWARDS OF TESTS Nos. 1, 2 AND 3.

These awards were based on the greatest aggregate net profit shown by the cows and breeds in the first fifteen days of Tests Nos. 1, 2 and 3, confined to such cows as went through all three tests. If anything were wanting in the results of the tests to show most conclusively the great superiority of the Jerseys, collectively as a breed, or in the individuals composing the herd, the "Grand Sweepstakes Awards" place it beyond any possibility of doubt.

It will be remembered that Test No. 1 was for cheese and by-products, Test No. 2 for butter and by-products and Test No. 3 for butter alone. In Test No. 1 not only cheese, and in Tests Nos. 2 and 3 not only butter, was taken into consideration, but in Tests Nos. 1 and 2 the milk (through the solids other than butter fat) and increase in live weight formed a part of the basis for awards and decisions, so that every quality of the dairy cow (and to some minds a step beyond, in giving credit for increase in live weight) was considered. Again, the staying qualities were put to the test of proof, and the Jerseys were not found lacking, but, on the contrary, stood out pre-eminently the leaders in this essential.

The appended tables will show that ten Jerseys went through all three tests, to nine Short-Horns and seven Guernseys, demonstrating the ability of the Jersey breed to stand the strain that the environment of the tests imposed on them better than the other breeds. It will also be noticed that out of the first possible ten places the Jerseys had seven, in the following order, 1st, 2d, 3d, 4th, 5th, 6th and 10th, to three Guernseys and no Short-Horns; that the three remaining Jerseys stood 12th, 13th and 17th; that the highest Jersey made in the 45 days a net profit of $5.66 in excess of the best Guernsey (equal to an excess net profit of over 12c. a day), and $6.40 in excess of the best Short-Horn (equal to an excess net profit of 14c. per day); that the lowest Jersey made a net profit of $4.16 more than the lowest Guernsey, and $7.90 more than the lowest Short-Horn. Important as these figures are, the relative profits of the breeds are of far greater import, and demonstrate in the plainest and most conclusive manner that the Jersey breed is vastly the superior, as the average "aggregate net profit" per cow in the first fifteen days of each test is as follows: Jerseys, $25.69; Guernseys, $21.52; Short-Horns, $18.20. Analyzing the figures that go to make up the totals on which the awards were based, we find that the Jerseys lead in the first fifteen days of each test by equally as strong a lead, as the following table shows:

AVERAGE NET PROFIT PER COW BY HERDS FOR FIRST 15 DAYS OF TESTS NOS. 1, 2 AND 3.

Herd.	Test No. 1.	Test No. 2.	Test No. 3.	Total.
Jerseys	$5.73	$10.35	$9.61	$25.69
Guernseys	4.14	9.44	7.94	21.52
Short-Horns	4.04	7.62	6.54	18.20

SWEEPSTAKES FOR FIRST FIFTEEN DAYS OF TESTS NOS. 1, 2 AND 3.

Arranged in Order of Merit, According to the Aggregate Net Profit of all Cows that went through all Three Tests.

Order of Merit.	Name of Cow.	Breed.	Net Profit.			Total Net Profit.
			Test 1.	Test 2.	Test 3.	
1st.	Merry Maiden 64949	Jersey	$6 56	$12.129	$11.476	$30.165
2d.	Brown Bessie 74997	Jersey	5.46	11.245	12.761	29.466
3d.	Ida Marigold 32615	Jersey	6.97	10.419	10.063	27.452
4th.	Baroness Argyle 40498	Jersey	6.12	11.103	9.250	26 473
5th.	Hugo's Countess 68394	Jersey	5.96	10.877	9.083	25 920
6th.	Sheba Rex 47429	Jersey	5.24	11.162	9.354	25.756
7th.	Sweet Ada	Guernsey	5.27	9.742	9.493	24.505
8th.	Materna	Guernsey	4.82	10.211	8.986	24 017
9th.	Select 8th	Guernsey	4 79	10 637	8 583	24.010
10th.	Flora Temple 3d 40086	Jersey	4.67	10 072	9.082	23.824
11th.	Nora	Short-Horn	6 27	9.968	7.525	23 763
12th.	Exile's Lulu 49984	Jersey	6.10	8 447	8 998	23.545
13th.	Signal Queen 30869	Jersey	6.34	9.184	7.947	23.471
14th.	Amanda	Guernsey	5.06	10.608	6 557	22.225
15th.	Genevieve	Short Horn	5.28	9.003	7.142	21.425
16th.	Ethics of Cornwall	Guernsey	4 34	9.073	7.857	21.270
17th.	Sayda 3d 17317	Jersey	3.84	8 909	8 074	20 823
18th.	Betsey 7th	Short-Horn	5.63	8.735	6.363	20.728
19th.	Bashful 2d, imp	Short-Horn	4.07	8.368	7.975	20 413
20th.	Waterloo Daisy	Short-Horn	3.12	8 220	7.722	19.062
21st.	Lady of Ellerslie	Guernsey	2.80	8 255	6.882	17 957
22d.	Kitty Clay 7th	Short-Horn	4.52	5.804	6.391	16 715
23d.	Aldine	Guernsey	1.92	7.565	7.180	16.665
24th.	Belle Price	Short-Horn	2 79	6.685	5.825	15 300
25th.	Rosa	Short-Horn	2.40	6.316	4.811	13.527
26th.	Lucy Ann	Short-Horn	2.33	5.481	5.107	12.918

As was to be expected from the above figures, the Jerseys *captured every "sweepstakes award,"* leaving nothing for the other breeds, as will be seen from the following awards:

SWEEPSTAKES AWARDS.

(*a*) For the best individual cow in *each* breed competing:

	Net Profit.
Jersey—Merry Maiden 64949	$30.165
Guernsey—Sweet Ada	24.505
Short-Horn—Nora	23.763

(*b*) For the best individual cow in any breed competing:

Jersey.....Merry Maiden 64949.

(*c*) For the best five cows in *each* breed competing:

JERSEYS.		GUERNSEYS.		SHORT-HORNS.	
	Net Profit.		Net Profit.		Net Profit.
Merry Maiden 64949.....	$30.165	Sweet Ada.....	$24.505	Nora.....	$23.763
Brown Bessie 74997.....	29.466	Materna.....	24.017	Genevieve.....	21.425
Ida Marigold 32615.....	27.452	Select 8th.....	24.010	Betsey 7th	20.728
Baroness Argyle 40498...	26.473	Amanda	22.225	Bashful 2d, imp.....	20.413
Hugo's Countess 68394...	25.920	Ethics of Cornwall....	21.270	Waterloo Daisy.....	19.062
Totals.	$139.476		$116.027		$105.392

(*d*) For the best five cows in *any* breed competing:

Jersey .....Merry Maiden 64949.
" .....Brown Bessie 74997.
" .....Ida Marigold 32615.
" .....Baroness Argyle 40498.
" .....Hugo's Countess 68394.

(*e*) For the *best breed* competing—*Jerseys.*

RECAPITULATION.

In the cheese test the following are the quantities and values of cheese of the breeds :

	CHEESE.	VALUE.
	lbs.	
Jerseys	1451.76	$193.98
Guernseys	1130.62	135.22
Short-Horns	1077.60	140.14

As I have before stated, the milk of each cow, as also the mixed milk, was analyzed each day, and though no butter was made in the cheese test and the "five days preliminary" between Tests Nos. 1 and 2, it is an easy matter to estimate the butter in these two periods, on the basis of 80 per cent. oil in the butter. Estimating the butter in this way, the following tables give all the products on a basis of the three tests of the mature cows :

JERSEYS.

	MILK.	BUTTER.	VALUE OF BUTTER.	COST OF FEED.
	lbs.	lbs.		
Test No. 1, Cheese	13296.4	752.560	$307.646	$98.14
5 Days Preliminary	4424.1	253.524	103.640	.....
Test No. 2, 90 Days, Butter	72488.8	4274.010	1747.215	587.498
Test No. 3, 30 Days, Butter	13921.9	837.211	385.592	111.243
Totals	105131.2	6117.305	$2544.093	

GUERNSEYS.

	MILK.	BUTTER.	VALUE OF BUTTER.	COST OF FEED.
	lbs.	lbs.		
Test No. 1, Cheese	10938.6	610.530	$330.881	$76.250
5 Days Preliminary	3814.2	209.911		.....
Test No. 2, 90 Days, Butter	61781.7	3360.431	1355.261	484.141
Test No. 3, 30 Days, Butter	13518.4	724.170	329.768	92.766
Totals	90052.9	4905.042	$2015.910	

SHORT-HORNS.

	MILK.	BUTTER.	VALUE OF BUTTER.	COST OF FEED.
	lbs.	lbs.		
Test No. 1, Cheese	12186.9	545.750	$294.171	$99.360
5 Days Preliminary	4028.3	180.061		.....
Test No. 2, 90 Days, Butter	66263.2	2890.869	1171.669	501.789
Test No. 3, 30 Days, Butter	15618.3	662.660	303.685	104.551
Totals	98096.7	4279.340	$1769.525	

As the cost of feed in the five days preliminary has not been estimated, I am unable to give the total footings.

The price of butter for the cheese test and five days preliminary is credited at the average rate per pound credited to the breeds in the 90 days' test.

The price of butter was fixed by the scoring, that having the highest scoring having the highest value, and, consequently, that having the highest value possessed the best quality. The following are the values per pound of butter:

	JERSEYS.	GUERNSEYS.	SHORT-HORNS.
	Cents.	Cents.	Cents.
Test No. 2, 90 days	40.88	40.33	40.53
Test No. 3, 30 days	46.05	45.53	45.66

The cost of butter per pound in feed was:

	JERSEYS.	GUERNSEYS.	SHORT-HORNS.
	Cents.	Cents.	Cents.
Test No. 2	13.75	14.41	17.36
Test No. 3	13.28	12.81	15.77

The value of the cheese made was: Jerseys, 13.36c. per pound; Guernseys, 11.96c.; Short-Horns, 13.01c.

The quantity of milk required to pound of cheese or butter was:

	JERSEYS.	GUERNSEYS.	SHORT-HORNS.
	lbs.	lbs.	lbs.
Test No. 1, Cheese	9.16	9.67	11.31
Test No. 2, Butter	17.20	18.40	22.90
Test No. 3, Butter	16.58	18.66	23.56

Taking each separate test and taking all of them in the aggregate, the results conclusively show that the Jerseys—

1. *Gave more milk.*
2. *Made more cheese.*
3. *Made more butter.*
4. *Gave more solids other than butter fat.*
5. *Required less milk to make a pound of cheese.*
6. *Required less milk to make a pound of butter.*
7. *Produced a pound of butter at less cost.*
8. *Made cheese of a higher quality.*
9. *Made butter of a higher quality.*
10. *Demonstrated their ability to profitably assimilate a greater quantity of feed and return a net increased profit.*

The tests prove these to be facts, and in proving them give the stamp of publicity and authenticity to the Jersey cow as the greatest dairy cow in all essentials that the world has ever produced.

VALANCEY E. FULLER,
Superintendent.